

Scientific correspondence should be directed to Geoffrey C. Clayton

The MACHO Project LMC Variable Star Inventory: X. The R Coronae Borealis Stars

C. Alcock^{1,2}, R.A. Allsman³, D.R. Alves⁴, T.S. Axelrod⁵, A. Becker⁶, D.P. Bennett^{1,7},
Geoffrey C. Clayton^{8,9}, K.H. Cook^{1,2,9}, N. Dalal^{2,10}, A.J. Drake^{1,5}, K.C. Freeman⁵, M.
Geha¹, K.D. Gordon^{9,11}, K. Griest^{2,10}, D. Kilkenny¹², M.J. Lehner¹³, S.L. Marshall^{1,2}, D.
Minniti^{1,14}, K.A. Misselt¹⁵, C.A. Nelson^{1,16}, B.A. Peterson⁵, P. Popowski¹, M.R. Pratt⁶,
P.J. Quinn¹⁷, C.W. Stubbs^{2,5,6}, W. Sutherland¹⁸, A. Tomaney⁶, T. Vandehei^{2,9}, and D.L.
Welch¹⁹, (The MACHO Collaboration)

ABSTRACT

We report the discovery of eight new R Coronae Borealis (RCB) stars in the Large Magellanic Cloud (LMC) using the MACHO project photometry database.

¹Lawrence Livermore National Laboratory, Livermore, CA 94550; alcock@igpp.llnl.gov, kcook@igpp.llnl.gov, adrake@igpp.llnl.gov, mgeha@igpp.llnl.gov, stuart@igpp.llnl.gov, dmin-niti@igpp.llnl.gov, cnelson@igpp.llnl.gov, popowski@igpp.llnl.gov

²Center for Particle Astrophysics, University of California, Berkeley, CA 94720

³Supercomputing Facility, Australian National University, Canberra, ACT 0200, Australia; Robyn.Allsman@anu.edu.au

⁴Space Telescope Science Institute, 3700 San Martin Drive, Baltimore, MD 21218; alves@stsci.edu

⁵Research School of Astronomy and Astrophysics, Canberra, Weston Creek, ACT 2611, Australia; tsa@mso.anu.edu.au, kcf@mso.anu.edu.au, peterson@mso.anu.edu.au

⁶Departments of Astronomy and Physics, University of Washington, Seattle, WA 98195; becker@astro.washington.edu, stubbs@astro.washington.edu

⁷Department of Physics, University of Notre Dame, Notre Dame, IN 46556; bennett@bustard.phys.nd.edu

⁸Dept. of Physics & Astronomy, Louisiana State University, Baton Rouge, LA 70803; gelay-ton@fenway.phys.lsu.edu

⁹Visiting Astronomer, Cerro Tololo Inter-American Observatory

¹⁰Department of Physics, University of California at San Diego, San Diego, CA 92093; en-dall@physics.ucsd.edu, kgriest@ucsd.edu, vandehei@astrophys.ucsd.edu

¹¹Steward Observatory, University of Arizona, Tucson, AZ 85721; kgordon@as.arizona.edu

¹²South African Astronomical Observatory, P.O. Box 9, Observatory 7935, South Africa; dmkk@da.raao.ac.za

¹³Department of Physics, University of Sheffield, Sheffield S3 7RH, England, UK; m.lehner@sheffield.ac.uk

¹⁴Departimento de Astronomia, P. Universidad Catolica, Casilla 104, Santiago 22, Chile; dante@astro.puc.cl

¹⁵Infrared Astrophysics Branch, Code 685, NASA/Goddard Space Flight Center, Greenbelt, MD 20771; misselt@idlastro.gsfc.nasa.gov

¹⁶Department of Physics, University of California at Berkeley, Berkeley, CA 94720

¹⁷European Southern Observatory, Karl Schwarzschild Strasse 2, D-8574 8 Gärching bei München, Germany; pjq@eso.org

¹⁸Department of Physics, University of Oxford, Oxford OX1 3RH, England, UK; w.sutherland@physics.ox.ac.uk

¹⁹McMaster University, Hamilton, Ontario Canada L8S 4M1; welch@physics.mcmaster.ca

The discovery of these new stars increases the number of known RCB stars in the LMC to thirteen. We have also discovered four stars similar to the Galactic variable DY Per. These stars decline much more slowly and are cooler than the RCB stars. The absolute luminosities of the Galactic RCB stars are unknown since there is no direct measurement of the distance to any Galactic RCB star. Hence, the importance of the LMC RCB stars. We find a much larger range of absolute magnitudes ($M_V = -2.5$ to -5 mag) than inferred from the small pre-MACHO sample of LMC RCB stars. It is likely that there is a temperature - M_V relationship with the cooler stars being intrinsically fainter. Cool (~ 5000 K) RCB stars are much more common than previously thought based on the Galactic RCB star sample. Using the fairly complete sample of RCB stars discovered in the MACHO fields, we have estimated the likely number of RCB stars in the Galaxy to be $\sim 3,200$. The SMC MACHO fields were also searched for RCB stars but none were found.

Subject headings: Large Magellanic Cloud, R Coronae Borealis stars, Stellar Evolution

1. Introduction

The R Coronae Borealis (RCB) stars are rare, hydrogen-deficient, carbon-rich supergiants which undergo spectacular declines in brightness of up to 8 magnitudes at irregular intervals as dust forms along the line of sight (Clayton 1996). Their rarity may stem from the fact that they are in an extremely rapid phase of evolution toward white dwarfs. So understanding the RCB stars is a key test for any theory which aims to explain hydrogen deficiency in post-Asymptotic Giant Branch (AGB) stars. AGB and post-AGB stars are the dominant formation sites for refractory grains subsequently injected into the interstellar medium, and therefore they play an important role in any theory of dust condensation.

There are two major evolutionary models for the origin of RCB stars: the Double Degenerate and the Final Helium Shell Flash (Iben, Tutukov, & Yungleson 1996a). The former involves the merger of two white dwarfs, and the latter involves a white dwarf/evolved Planetary Nebula (PN) central star which is blown up to supergiant size by a final helium shell flash. In the final flash model, there is a close relationship between RCB stars and PN. The connection between RCB stars and PN has recently become stronger, since the central stars of three old PN's (Sakurai's Object, V605 Aql and FG Sge) have had observed outbursts that transformed them from hot evolved central stars into cool giants with the spectral properties of an RCB star (Kerber et al. 1999; Asplund et al. 1999; Clayton & De

Marco 1997; Gonzalez et al. 1998).

However, the absolute luminosities of the RCB stars are unknown. There is no direct measurement of the distance to any Galactic RCB star (Alcock et al. 1996 and references therein). A group of RCB stars were measured by HIPPARCOS but the data provided only lower limits on their distances (Cottrell & Lawson 1998; Trimble & Kundu 1997). So the only source of distances and absolute luminosities for the RCB stars is the LMC. The distance to the LMC is fairly well determined, $m-M = 18.4$ mag (e.g., Nelson et al. 2000). Until recently, only three RCB stars were known in the LMC (Feast 1972). On the basis of this small sample of stars, an absolute magnitude range of $M_V = -4$ to -5 is inferred. Alcock et al. (1996) reported the discovery of two additional LMC RCB stars. These two stars were both fainter, $M_V \sim -3.5$ but one of the two is a member of the subclass of hot RCB stars and may not be comparable to the cooler stars.

This paper reports the results of a more extensive search of the MACHO database for new RCB stars.

2. Observational Data

2.1. MACHO Photometry

The MACHO Project (Alcock et al. 1992) is an astronomical survey experiment designed to obtain multi-epoch, two-color CCD photometry of millions of stars in the LMC (also, the Galactic bulge and SMC). The survey makes use of a dedicated 1.27m telescope at Mount Stromlo, Australia and because of its southerly latitude is able to obtain observations of the LMC year round (Hart et al. 1996). The camera built specifically for this project (Stubbs et al. 1993) has a field of view of 0.5 square degrees which is achieved by imaging at prime focus. Observations are obtained in two bandpasses simultaneously, using a dichroic beamsplitter to direct the “blue” ($\sim 4400\text{-}5900$ Å) and “red” ($\sim 5900\text{-}7800$ Å) light onto 2x2 mosaics of 2048x2048 Loral CCD’s. These bandpasses are referred to as V_{MACHO} and R_{MACHO} , respectively. Images are obtained and read out simultaneously. The $15\text{ }\mu\text{m}$ pixel size maps to $0''.63$ on the sky. The data were reduced using a profile-fitting photometry routine known as SODOPHOT, derived from DoPHOT (Schechter, Mateo, & Saha 1993). This implementation employs a single starlist generated from frames obtained in good seeing. The results reported in this survey comprise only a fraction of the planned data acquisition of the MACHO project. The MACHO data were acquired for 82 LMC fields covering approximately 40 square degrees and were monitored for about 7 years from 1992 to 1999. Most of the data come from the top-22 fields which contain approximately 9 million stars (Alcock et al. 1997a, 1999). These

data have been searched for variable stars and microlensing candidates and over 40,000 variables have been found, most newly discovered. The great majority of these fall into four well known classes: there are approximately 25,000 very red semi-regular or irregular variables, 1500 Cepheids, 8000 RR Lyraes, and 1200 eclipsing binaries (Cook et al. 1995). Typically, the dataset for a given star covers a timespan of about 2700 days and contains up to 1500 photometric measurements (multiple observations are obtained on a given night whenever conditions allow). The output photometry contains flags indicating suspicion of errors due to crowding, seeing, array defects, and radiation events.

The MACHO lightcurves for the RCB candidate stars, including all available data, are shown in Figure 1. Tables containing all the MACHO photometric data for these stars are given in the Appendix. HV 12842 lies outside the MACHO fields and so has no lightcurve. Only data free from suspected errors are plotted and included in the tables. Typical photometric uncertainties are in the range 1.5-2 %. The V_{MACHO} and R_{MACHO} bandpasses have been converted to Kron-Cousins (KC) V and R bandpasses using transformations determined from the internal calibrations of the MACHO database (Alcock et al. 1999). Three stars in the sample, 16.6541.22, 20.5036.12, and 21.7407.7 lie outside the top-22 fields which have been photometrically calibrated. The V and R magnitudes for these fields were obtained by bootstrapping from the top-22-field calibration and should be viewed with caution. Also, 18.3325.148, 20.5036.12, and 21.7407.7 are the three brightest stars in the sample and suffer from possible saturation problems. In particular, the MACHO V-R colors for 21.7407.7 are ~ -0.2 but are actually ~ 0.2 (Goldsmith et al. 1990). The $(V - R)_{KC}$ colors for each star are also plotted in Figure 1. The stars are listed in Table 1. Two designations are given for each MACHO star, the MACHO name which includes the position of the star, and the standard field.tile.sequence number which refers to a particular star in the database. Finding charts for the stars are shown in Figure 2.

2.2. JHK Photometry

The Cerro Tololo Infrared Imager (CIRIM) uses a 256x256 HgCdTe NICMOS 3 array. There were two runs in 1996 and 1999 on the CTIO 1.5m telescope. The data are listed in Table 2. The typical $1-\sigma$ errors are 0.02-0.03 mag in the J-band and 0.04-0.05 mag in the H- and K-bands. None of the data from the 1999 run are included because of their large uncertainties. In addition, 2MASS photometry is now available for most of the sample. These data are also listed in Table 2. The typical $1-\sigma$ 2MASS errors are 0.03 mag in all three bands. The Julian Dates of the observations are also listed in Table 2.

2.3. Spectroscopic Data

Spectroscopic observations were obtained from 1995 to 1998. In 1995-1996, the spectra were obtained with the Reticon photon-counting system on the image-tube spectrograph on the SAAO 1.9m telescope at Sutherland, South Africa. The grating used gives a reciprocal dispersion of 100 \AA mm^{-1} and a resolution of approximately 4 \AA , giving a useful range of about $3600\text{-}5200 \text{ \AA}$ at the angle setting used. The spectrograph is a two-aperture instrument recording the star and sky simultaneously. Normal operating procedure is to measure the star through one aperture and then the other, so the sequence goes arc, star in A, arc, star in B, arc. Each star is then wavelength calibrated by the two arcs on either side and the results of star in A and B are added together after flat-field correction and sky subtraction. Flux calibration is done by observing one standard star each night. The fluxes are given in $\text{erg cm}^{-2} \text{ s}^{-1} \text{ \AA}^{-1}$. In 1997-1998, the spectrograph was adapted to take a SITe CCD chip. The observations were taken using a grating with a reciprocal dispersion of 210 \AA mm^{-1} and a resolution of approximately 5 \AA , giving a useful range of about $3500\text{-}7600 \text{ \AA}$ at the angle setting used.

Spectra have been obtained for all the stars in Table 1 except 6.6575.13 and 16.5641.22. A spectrum of the latter star is shown in Bessell & Wood (1983). No spectrum exists for 6.6575.13 since it has been continuously in decline since 1993. A spectrum of the hot RCB star, 11.8632.2507, is shown in Alcock et al. (1996). Further spectra are shown in Clayton et al. (2001). The spectra of the remaining stars are shown in Figure 3. All of the spectra were obtained when the stars were at or near maximum light. These spectra are sums of all individual scans.

3. New RCB Stars in the LMC

From the night in 1795 when Edward Pigott first noticed that R CrB had apparently disappeared from the sky, RCB stars have been characterized primarily on the basis of their lightcurves. They are the only intrinsic variables that undergo sudden and severe drops in brightness from their light maximum at irregular intervals. However, this definition has resulted in many irregular variables with poor lightcurve coverage being identified as RCB stars (Payne-Gaposchkin & Gaposchkin 1938). Spectroscopic confirmation has been used to weed out non-RCB stars from the class. Many turn out to be symbiotic, cataclysmic or semi-regular variables (Lawson & Cottrell 1990a). Much of this sorely needed spectroscopic work has been performed by Kilkenny and collaborators (Clayton 1996 and references therein). However, if a well sampled lightcurve is available then an identification with the RCB class may be made with fairly high confidence because of the distinctive nature of the

RCB declines. Following the definition of Payne-Gaposchkin & Gaposchkin (1938), a typical RCB lightcurve has:

- uniform brightness at maximum which may last for months or years.
- A sudden drop in brightness of more than three magnitudes taking a few days or weeks.
- Recovery to maximum light, which is typically slower, taking months or years.

When spectra are obtained, we see in addition that the typical RCB star has:

- Weak or absent hydrogen lines and molecular bands (CH).²⁰
- Strong carbon lines and molecular bands (CN, C_2).
- Little or no ^{13}C .

Other observables of the typical RCB star are:

- Regular or semi-regular pulsations with ΔV of a few tenths of a magnitude and periods of 40-100 days.
- An infrared excess.
- Effective temperature between 5000 and 7000 K. A small subclass is much hotter with effective temperatures of about 20,000 K.

The first RCB star to be discovered in the LMC was HV 966 (W Men, 21.7407.7) (Luyten 1927). He identified it as an RCB star on the basis of its irregular and sudden dips in brightness. Much later, spectra confirming its resemblance to R CrB and its membership in the LMC were obtained (Feast 1956; Rodgers 1970; Feast 1972). Subsequently, two other stars, HV 5637 (Hodge, & Wright 1969) and HV 12842 (Payne-Gaposchkin 1971), were identified as members of the RCB class on the basis of their lightcurves. Confirming spectra were soon obtained of these stars (Feast 1972). A fourth star, HV 12671, was listed by Payne-Gaposchkin (1971) as an RCB star. It is now thought to be a carbon-symbiotic star (Allen 1980; Lawson et al. 1990). Two new RCB stars were previously discovered using the MACHO database, HV 2671 (11.8632.2507) and 81.8394.1358 (Alcock et al. 1996).

The final database of MACHO variables for the top-22 fields was searched for stars which underwent large sudden brightness variations. Candidates were selected from the thousands of variable star lightcurves by selecting out those with large amplitude variations that were not periodic. These lightcurves were then viewed by eye and candidates were selected as having distinctive RCB lightcurve behavior.

²⁰V854 Cen, one of the most active RCB stars, shows fairly strong Balmer lines and CH band (Kilkenny & Marang 1989; Lawson & Cottrell 1989).

In addition, the MACHO lightcurves for stars listed as irregular variables of large range by Payne-Gaposchkin (1971) were examined. HV 942 (6.6696.60) and HV 12524 (18.3325.148) were found to be RCB stars. Stars listed by Hughes (1989) as having RCB-type lightcurves were also checked. None of those lying in MACHO fields turned out to be RCB stars. However, three other variables in the Hughes list are members of the MACHO RCB star sample. Of the stars in our sample, three appear in the list of carbon stars in the LMC compiled by Sanduleak & Phillip (1977). However, none appear in the carbon star catalogs of Westerlund et al. (1978) or Blanco & McCarthy (1990).

In addition to the five RCB stars already known in the LMC, eight stars (6.6575.13, 6.6696.60, 12.10803.56, 16.5641.22, 18.3325.148, 79.5743.15, 80.6956.207, and 80.7559.28) which show lightcurves with deep, sharp declines are clearly RCB stars. See Figure 1. Two stars, 6.6575.13 and 6.6696.60 were independently discovered to be RCB stars by Wood & Cohen (2001). As summarized in Table 3, these stars share most or all of the photometric and spectroscopic criteria listed above for the typical RCB star. In particular, with the exception of 18.3325.148, as shown in Figure 1, all of these stars show the unique sharp, deep, irregular declines characteristic of RCB stars. This has been quantified in Table 3 as dm/dt , the number of magnitudes per day that the star fades. The lightcurve for 18.3325.148 shows only the long recovery from a decline often seen in Galactic RCB stars. Subsequently, spectra were obtained for all except 6.6575.13 showing that they are indeed RCB stars. The star, 6.6575.13, entered a very deep decline early in the MACHO era and has never recovered enough for a spectrum to be obtained. It is likely to be an RCB star based on its lightcurve data.

The star, 6.6696.60, joins HV 12842 and W Men as members of the warm (6000-7000 K) RCB stars showing only weak molecular bands. The others are similar to HV 5637 which is typical of the cooler (5000 K) RCB stars which have much stronger molecular bands. See Figure 3. A low dispersion spectrum of 16.5641.22 (HV 2379) was previously obtained and is also very similar to HV 5637 (Bessell & Wood 1983). The spectra were examined for evidence of hydrogen by looking at the Balmer lines and the G-band of CH at 4300 Å. The presence of ^{13}C was searched for in the isotopic bands of C_2 and CN. In particular, the Swan bands, $^{12}\text{C}^{13}\text{C}$ and $^{13}\text{C}^{13}\text{C}$ near 4700 Å, other C_2 bands in the 6000-6200 Å region, and the ^{13}CN band near 6250 Å were examined. The results are summarized in Table 3.

Several other stars show irregular, fairly deep (2-3 mag) declines but fade much more slowly than typical RCB stars. In their lightcurve behavior, these stars resemble the unusual Galactic RCB star, DY Per (Alksnis 1994). This star has very deep (>4 mag) declines at irregular intervals like an RCB star but the declines are very slow. The DY Per declines appear much more symmetrical than the prototypical RCB decline which features a much

faster drop than rise. Further spectroscopic analysis has shown that DY Per is very cool, $T_{eff} \sim 3500$ K (Keenan & Barnbaum 1997). This is significantly cooler than the coolest known Galactic RCB stars, S Aps, WX CrA, and U Aqr which have estimated $T_{eff} \sim 5000$ K (Lawson et al. 1990). Keenan & Barnbaum (1997) suggest that DY Per may be hydrogen deficient. The G-band is fairly weak. The evidence for the abundance of isotopic carbon is mixed. The isotopic Swan bands, $^{12}\text{C}^{13}\text{C}$ and $^{13}\text{C}^{13}\text{C}$ near 4700 Å are clearly seen but the ^{13}CN band near 6250 Å is not. The LMC DY Per stars share these characteristics. Four stars, 2.5871.1759, 10.3800.35, 15.10675.10, and 78.6460.7, show significant but slow declines of at least 2 magnitudes. See Figure 1d. They also closely resemble DY Per spectroscopically. See Figure 3c. The DY Per spectrum is from Barnbaum, Stone & Keenan (1996). Table 3 itemizes the major differences between the RCB and DY Per stars. The RCB declines are deeper and they fade faster as shown in the dm/dt column of the table. The DY Per stars show evidence for significant amounts of ^{13}C and they are cooler than the RCB stars. The molecular bands in the cool RCB stars and the DY Per stars are of comparable strength but the DY Per spectra are intrinsically much redder. The spectra of the DY Per stars resemble R-type carbon stars (Barnbaum et al. 1996). Many carbon stars also show irregular small (≤ 1 mag) declines. In addition, other stars produce dust such as carbon Miras and the V Hya stars. But these stars also show large regular variations not seen in either the RCB or DY Per stars (e.g., Feast et al. 1984; Lloyd Evans 1997). Until more extensive observations and analysis are done, it is not clear whether the DY Per stars are related to either the RCB stars or the carbon stars.

4. Individual Stars

Using SIMBAD, each star was checked for previous identifications. These are included in Table 1. Previous observations from the literature for the sample stars are listed below.

4.1. HV 12842

This is the only star in the sample that lies in an area of the LMC not covered by MACHO. It was first listed as an RCB star ($m_{pg} = 14.15\text{--}17.92$ mag) by Payne-Gaposchkin (1971). Several declines have been noted (Morgan, Nandy, & Rao 1986; Lawson et al. 1990; Lawson, Cottrell, & Pollard 1991). Coordinates are from the HST Guide Star Catalog. HV 12842 is possibly an IRAS source. In the Faint Source Catalog, F05447-6425, lies within $7''$ of HV 12842. At $12\mu\text{m}$, it is 0.09 ± 0.01 Jy. This is within a factor of 2 of the expected IRAS brightness of a Galactic RCB star seen at the distance of the LMC. This star had a

median $m_{pg}=15.2$ mag and $\Delta m = 2.5$ mag in the early 1900’s (Hodge & Wright 1967 and references therein).

4.2. 20.5036.12 (HV 5637)

This star was first listed as an RCB star by Hodge & Wright (1969). They found that HV 5637 ($V_{max}=14.99$ mag, $B_{max}=16.19$ mag) had one decline of $\Delta B \geq 2.36$ mag around JD 2425000. This star had a median $m_{pg}=16.5$ mag and $\Delta m = 2.0$ mag in the early 1900’s (Hodge & Wright 1967 and references therein). It is listed as an RCB star ($m_{pg} = 16.38-18.20$ mag) by Payne-Gaposchkin (1971). Butler (1978) noted small variations ($\Delta V = 0.2$ mag). No further declines were noted during the seven years of MACHO coverage. See Figure 1.

4.3. 21.7407.7 (W Men)

This star was first identified as an RCB star by Luyten (1927). Several declines have been noted (Milone 1975; Glass 1988; Lawson et al. 1990). This star is HV 966 which had a median $m_{pg}=14.4$ mag and $\Delta m = 1.2$ mag in the early 1900’s (Hodge & Wright 1967 and references therein). It is listed as an RCB star ($m_{pg} = 13.37-17.57$ mag) by Payne-Gaposchkin (1971).

4.4. 11.8632.2507 (HV 2671)

This star had a median $m_{pg}=16.4$ mag and $\Delta m = 1.8$ mag in the early 1900’s (Hodge & Wright 1967 and references therein). Kurochkin (1992) reports a maximum brightness of $B=15.5$ mag and one deep decline with $B < 19$ mag (JD 2439849.9 and 2439852.75).

4.5. 6.6696.60 (HV 942)

This star had a median $m_{pg}=15.8$ mag and $\Delta m = 2.0$ mag in the early 1900’s (Hodge & Wright 1967 and references therein). It is listed as an irregular variable of large range ($m_{pg} = 14.44-17.74$ mag) by Payne-Gaposchkin (1971). This star is also possibly detected by IRAS (Schwering 1989). As with HV 12842, the IRAS brightness is consistent with an RCB at the distance of the LMC.

4.6. 16.5641.22 (HV 2379)

This star had a median m_{pg} =16.5 mag and $\Delta m = 1.8$ mag in the early 1900's (Hodge & Wright 1967 and references therein). Wright & Hodge (1971) report that in 1958, HV 2379 was seen at B=17.6 and then was below the plate limit for 95 days. They also summarize several hundred Harvard plates taken between 1896 and 1949 where the star varied between 16.2 and fainter than 18.6 at B. It is listed as a long period variable ($m_{pg} = 15.89$ -18.45 mag) by Payne-Gaposchkin (1971). Feast et al. (1984) suggest that HV 2379 is related to the carbon Mira, R For, but the MACHO lightcurve, shows a typical irregular RCB-star behavior with no sign of a Mira-type pulsation. This star is also possibly detected by IRAS (Trams et al. 1999). As with HV 12842, the IRAS brightness is consistent with an RCB at the distance of the LMC. HV 2379 was also observed with ISO (van Loon 1999).

4.7. 18.3325.148 (HV 12524)

This star had a median m_{pg} =15.9 mag and $\Delta m = 0.6$ mag in the early 1900's (Hodge & Wright 1967 and references therein). It is listed as an irregular variable of large range ($m_{pg} = 15.27$ -17.12mag) by Payne-Gaposchkin (1971).

4.8. 80.6956.207

This star is also SHV 0523154-690100 ($\langle m_I \rangle = 15.36$ mag, $\Delta m_I = 1.16$ mag) (Hughes 1989).

4.9. 80.7559.28

This star is also SHV 0526537-690959 ($\langle m_I \rangle = 14.74$ mag, $\Delta m_I = 1.24$ mag) (Hughes 1989).

4.10. 15.10675.10

This star is also SHV 0546548-710843 ($\langle m_I \rangle = 13.90$ mag, $\Delta m_I = 1.14$ mag) (Hughes 1989).

5. Near-IR Colors

Most of the sample has been observed one or more times in the near-IR. We have plotted the J-H vs. H-K colors in Figure 4. The typical RCB star colors evolve as dust forms and then disperses. Feast (1997) shows the behavior of a large sample of Galactic RCB stars. The colors evolve from those typical of the RCB star photosphere toward those of a dust shell of ~ 900 K. The colors for a combination of a 5500 K star and a 900 K shell are plotted in Figure 4. The LMC RCB star colors are consistent with the behavior of the Galactic RCB stars. With the exception of W Men, HV 2379, and HV 12842 (Bessell & Wood 1983; Glass, Lawson, & Laney 1994), each of the LMC stars has been observed only once or twice at a random point in its lightcurve. So, when plotted together, the ensemble of stars includes observations at maximum light and in declines. Together these observations map out an RCB star color evolution similar to that seen for the Galactic stars (Feast 1997). Since there are a range of photospheric and shell temperatures, Figure 4 shows more scatter than the plot of individual stars as shown by Feast (1997). Another interesting feature of Figure 4 is that the DY Per stars are well separated from the RCB stars and show colors typical of carbon stars (Westerlund et al. 1991). The two DY Per stars plotted were observed at maximum light.

6. Stellar Pulsations

Most or possibly all of the RCB stars are pulsators (Lawson et al. 1990). As listed in Table 3 and seen in Figure 1, most of the LMC RCB stars pulsate as well. We inspected the lightcurves for “dormant” sections - places where the lightcurve was within a magnitude or two of maximum brightness and where, if it was changing, it was increasing slowly with no obvious dust dropouts. The long-term trend in the dormant sections was subtracted, leaving just the shorter timescale oscillations. The baseline-subtracted, dormant sections of the V-band lightcurves was run through the Discrete Fourier Transform Fortran code of Roberts, Lehar, & Dreher (1987). The default frequency spacing was used, with a maximum period of one per day. In cases where there was an obvious signal, the period corresponding to the frequency with the highest power is reported. In most instances, the frequency spacing was about $5\text{E-}4$ per day. Among the RCB stars, we were able to extract periods for 18.3325.148 (83.8 d), 11.8632.2507 (60.0 d), 12.10803.56 (50.5 d), 21.7407.7 (240 d, questionable significance), and 79.5743.15 (53.3 d). For the DY Per stars, we extracted periods for 78.6460.7 (208 d), 2.5871.1759 (138 d), 10.3800.35 (206 d), and 15.10675.10 (116 d). These two classes differ also in their typical pulsation period. The RCB stars in the LMC like their Galactic counterparts have periods between 50 and 84 days while the periods of the DY Per stars lie

between 100 and 210 days. These differences are at least qualitatively in agreement with the results of theoretical models of pulsations in RCB stars (Weiss 1987). Theoretical periods for ‘Case 1’ of Weiss for $M=0.825 M_{\odot}$ show ~ 40 d for $T_{eff} \sim 7000$ K, ~ 100 d for $T_{eff} \sim 5000$ K, and ~ 300 d for $T_{eff} \sim 4000$ K. Figure 32 of Lawson et al. (1990) shows the Galactic RCB stars plotted with Weiss ‘Case 1’ for comparison.

In a color-magnitude diagram (CMD), most of the of the RCB stars lie within the instability strip defined by the MACHO-discovered BL Her, W Virs, and RV Tauri stars extrapolated to higher luminosities (Alcock et al. 2000). These LMC variables are believed to be low-mass Population II stars. In the CMD, the one hot RCB (11.8632.2507) lies blueward of the blue edge of the instability strip as defined by the bluest BL Her and W Vir stars. The DY Per stars lie in the same region of the CMD as carbon-rich red variables, and are brighter/redder than the other observed sequences of red variables. With the exception of 11.8632.2507, the RCB and DY Per stars form an extension of the W Vir and BL Her star W-logP relation, where $W = V - 2.0*(V-R)$, to higher luminosities and longer periods, although there may be a “roll over” at long periods.

7. Absolute Luminosity of RCB Stars

The Galactic foreground reddening varies significantly across the face of the LMC ranging from $E(B-V)_{Gal}=0.00$ to 0.17 mag (e.g., Schwering & Israel 1991; Oestreicher, Gochermann, & Schmidt-Kaler 1995). Schwering & Israel (1991) estimate that most of the LMC bar, where the MACHO fields are centered, has a Galactic foreground reddening of $E(B-V)_{Gal}=0.06-0.08$. The dust inside the LMC is patchy also but a good estimate of the reddening due to dust inside the LMC foreground to the RCB stars is $E(B-V)_{LMC} \sim 0.1$ (Oestreicher & Schmidt-Kaler 1996). There will also be a small amount ($E(B-V) \sim 0.1$ mag) of circumstellar reddening around each RCB star even at maximum light. We will ignore that component. The total reddening due to Galactic foreground and LMC intrinsic dust is $E(B-V) \sim 0.17$ mag or $A_V \sim 0.5$ mag.

The RCB and DY Per stars are plotted in Figure 5 in a V vs. V-R CMD. The values of V and V-R plotted are those measured for each star at maximum light. A reddening vector is also plotted. In addition, a line is plotted representing the change in V and V-R with temperature assuming $L_V \propto T^4$ with stellar radius held fixed. Temperatures and colors are assumed to be those for normal supergiants (Cox 2000). On the basis of the three pre-MACHO RCB stars, Feast (1979) noted that the cool RCB star, HV 5637 is significantly fainter than HV 12842 and W Men. He suggested that there might be a relationship between absolute magnitude and effective temperature for the RCB stars. The new observations

reported here reinforce this suggestion. The intrinsically brightest RCB stars at V are the warm (~ 7000 K) stars and the faintest are the cool (~ 5000 K) stars. There is a much wider range of absolute luminosity in the RCB stars than given by the canonical, $M_V = -4$ to -5 mag. The foreground reddening of individual stars is somewhat uncertain but the brightest RCB stars have $M_V \sim -5$ mag and the faintest are about $M_V \sim -2.5$ mag. The DY Per stars are cooler and fainter still, with a maximum absolute brightness of $M_V \sim -2.5$ mag.

It seems likely that 6.6696.60 is fairly heavily reddened. From Figure 3a, it can be seen that the spectrum of 6.6696.60 closely resembles W Men and HV 12842. Therefore, it is likely that the effective temperatures and colors are similar for these three stars. For 6.6696.60, $V_{max} = 15.0$ and $(V-R)_{max} = 0.6$ compared to $V_{max} = 13.8$ and $(V-R)_{max} = 0.2$ for the other two stars. The simplest explanation is that some combination of circumstellar and interstellar dust in front of 6.6696.60 is responsible. The high value of reddening implied, $E(B-V) \sim 0.8$ is unlikely to be primarily interstellar reddening. More likely, a large portion of this reddening is circumstellar. From the lightcurve of 6.6696.60, seen in Figure 1b, it is quite possible that the star was never at maximum light during the the seven years of the MACHO data. This is supported by earlier photometry of this star, previously discovered as HV 942, which found the maximum brightness to be $m_{pg} = 14.4$ (Payne-Gaposchkin 1971). This corresponds to $B \sim 14.3$ mag. So assuming the same B-V color as W Men, then 6.6696.60 would have $V \sim 13.85$ mag which is the same as W Men and HV 12842 at maximum light. Similarly, 10.3800.35 maybe more reddened than the other DY per stars.

8. The Population of RCB stars

The MACHO LMC sample of RCB stars allows us to attempt something not possible in the Milky Way, which is to estimate the total population of RCB stars in a galaxy. Figure 6 shows an image of the LMC with the locations of the RCB and DY Per stars plotted. As mentioned in the introduction there are two suggested evolutionary paths leading to the RCB stars, the Double Degenerate and the Final Helium Shell Flash (Iben et al. 1996a). Both these suggestions imply that the RCB stars are an old population. The distribution of these stars on the sky and their radial velocities give clues to their origin. The space distribution and radial velocities of the Milky Way RCB stars are similar to those of distant planetary nebulae implying that these stars may be a bulge population (Drilling 1986). However, the scale height is 400 pc for the RCB stars assuming $M_{Bol} = -5$ (Iben and Tutukov 1985). So the RCB stars may be more like old disk/Population I stars. Either of the evolutionary scenarios predicts significantly more than the ~ 30 RCB stars which are known in the Milky Way. For instance, Webbink (1984) estimates a population of ~ 1000 RCB stars making reasonable

assumptions for the Double Degenerate scenario. However, it should be pointed out that Schönberner (1986) suggests that the estimated lifetimes for both scenarios are too short to account for the number of RCB stars. Iben, Tutukov, & Yungleson (1996b) estimate that final flashes could produce 30-2000 RCB stars at any given time depending on the core mass. They estimate that the Double Degenerate or binary merger scenario could produce ~ 300 RCB stars.

Most of the Galactic RCB stars were discovered early in the century on the Harvard Observatory plate survey. The detection limit was about $B = 11.8$ mag on these blue sensitive plates. Stars near or below this limit, reddened stars and intrinsically red stars would have been missed (Lawson & Cottrell 1990b; Lawson et al. 1990). The results for the LMC RCB stars imply that many Galactic RCB stars are significantly fainter than previously believed, making them even less likely to have been detected.

Using evolutionary models of the pulsation periods of RCB stars, one can estimate the crossing time as a function of temperature (Lawson et al. 1990 and references therein). The model results imply relative populations of RCB stars with $T_{eff} = 5000, 6000$ and 7000 K of 30:5:1. Most of the known RCB stars in the Galaxy fall in the warmest subgroup. The observed population ratio is 1:1:4. Lawson et al. (1990) suggest that the apparent lack of cool RCB stars is a selection effect. Lawson & Cottrell (1990b) estimate that if all RCB stars have $M_V \sim -5$, then the real number would be 200-300 or even larger if the number of cool stars equaled the number of warm stars. The results of this study for the LMC imply that the ratio is 7:2:1 which is consistent with the theoretical ratio given above. If this is the intrinsic ratio in the Galaxy also, then there are $\sim 10^3$ RCB stars in the entire Milky Way, most yet to be discovered.

We can estimate the number of RCB stars in the LMC from the results of the MACHO sample. The MACHO lightcurves for most stars have extremely good coverage for ~ 2500 days spanning the years 1993 through 1999. This is long enough to catch most but not all RCB stars in decline. RCB stars are true irregular variables. The historical lightcurve of R CrB itself, which now stretches back over two hundred years, shows that it has gone up to 10 years with no decline and at other times has had several declines in one year (Mattei, Waagen, & Foster 1991). The characteristic time between declines is 1000-2000 days (Clayton, Whitney, & Mattei 1993). So any search over a short time period will detect only a fraction of the RCB stars. HV 5637 is an LMC RCB star but it is relatively inactive (Hodge & Wright 1969). It shows no evidence for a decline during the 7 years of MACHO coverage. One of the Galactic RCB stars, XX Cam, shows similar behavior. It has had only one recorded decline this century (Bidelman 1948; Yuin 1948). The AAVSO monitors 31 RCB stars including R CrB, V854 Cen and XX Cam. Over the same timespan covered by

the MACHO observations, 23 of these stars or about three quarters of the observed sample had deep declines of 3 magnitudes or more. Another consideration is how long can an RCB star stay in a deep decline. V854 Cen is a good example (Clayton 1996). It is 7th magnitude at maximum light yet it is not in the HD, CPD or SAO catalogs. Early in the 1900’s, this star never rose above about magnitude 13. This is a much rarer phenomenon. While several of the 31 RCB stars in the AAVSO sample were very active in the 1993-1999 time period, none spent the entire time in a deep decline. Therefore, using the Galactic RCB stars as a guide, we can expect to have detected about 75% of the LMC RCB stars lying in the MACHO fields.

Nine of the new RCB stars discovered with MACHO lie within the so-called top-22 fields which have the best temporal coverage (Alcock et al. 2000). The three pre-MACHO LMC RCB stars and HV 2379 (16.5641.22) lie outside these fields. The four DY Per stars all lie in the top-22 fields. These 22 fields cover 10 square degrees centered on the LMC bar. Kim et al. (1998) estimate the mass of the LMC within a radius of 4 kpc is $1.0 \times 10^9 M_{\odot}$. The inner 4 kpc of the LMC corresponds to 71.5 square degrees at a distance modulus of 18.4. Then, extrapolating from the top-22 MACHO fields, we assume a homogeneous distribution of mass, and a 75% detection efficiency. This implies ~ 85 RCB stars in the inner 4 kpc of the LMC. We can then make an estimate of the expected number of RCB stars in the Galaxy assuming $M_{\text{Galaxy}} \sim 3.8 \times 10^{10} M_{\odot}$. If RCB stars occur at the same frequency in the Galaxy as in the LMC and if the bar is not somehow special, then we would expect there to be $\sim 3,200$ RCB stars in the Milky Way. This number may be somewhat overestimated since the density of planetary nebulae and carbon stars is enhanced in the area of the LMC bar (e.g., Richer 1981; Morgan 1994). Similarly, we can estimate the expected number in the SMC. The top-6 MACHO fields in the SMC were searched in a similar manner to that described above for the LMC. These 6 fields in the SMC contain 2.2×10^6 stars as compared to 8.5×10^6 stars in the top-22 LMC fields (Alcock et al. 1997b). So extrapolating from the number found in the LMC, we would expect to find ~ 2 RCB stars in the SMC. None were found.

9. Summary

The final results of our study of the LMC RCB stars in the top-22 MACHO fields are:

- Ten new RCB stars (eight reported in this paper) were discovered using MACHO photometry bringing the total in the LMC to thirteen.
- There is a much wider range of absolute luminosity in the RCB stars than previously thought. There is a range of $M_V \sim -2.5$ to -5 mag. The warm (~ 7000 K) stars are brighter

at V than the cool (~ 5000 K) stars.

- The relative populations of LMC RCB stars with $T_{eff} = 5000, 6000$ and 7000 K is 7:2:1 close to the theoretical ratio but very different from the Galactic ratio of 1:1:4. The Galactic ratio may be severely biased due to selection effects.
- One hot ($\sim 20,000$ K) RCB star was found. Three such stars are known in the Galaxy.
- If the population of RCB stars in the LMC is similar to that of the Galaxy then there may be $\sim 3,200$ RCB stars in the Galaxy.
- Four stars were found which resemble the unusual Galactic RCB star, DY Per. These stars fade much more slowly than typical RCB stars. These stars are also cooler and fainter, with a maximum absolute brightness of $M_V \sim -2.5$ mag. It is not clear if these stars are related to the RCB stars.

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10. Appendix

In this Appendix we provide the MACHO photometric data for each of the stars in the sample. The data are given in Tables A1 to A16 and include the HJD, R Magnitude, V magnitude and the Observation ID which is the running exposure number. The magnitudes are calculated as described in Section 2.1. In the paper edition, only a portion of Table A1 is given as an example. The remaining tables appear only in the electronic edition.

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Table 1: LMC RCB Stars

<i>Name</i>	MACHO Name	$\alpha(2000)$	$\delta(2000)$	<i>OtherID</i>
<u>Previously known RCB Stars</u>				
HV 12842	Outside MACHO Field	05 45 02.92	-64 24 23.2	F05447-6425 ^a
HV 5637 (20.5036.12)	MACHO*05:11:31.4-67:55:52	05 11 31.402	-67 55 52.34	SP 37-16 ^b
W Men (21.7407.7)	MACHO*05:26:24.7-71:11:13	05 26 24.761	-71 11 13.32	HV 966, R102
11.8632.2507	MACHO*05:33:49.1-70:13:22 ^c	05 33 49.126	-70 13 22.49	hot RCB star, HV 2671
81.8394.1358	MACHO*05:32:13.3-69:55:59 ^c	05 32 13.263	-69 55 59.23	
<u>Confirmed new RCB Stars</u>				
6.6575.13	MACHO*05:20:48.2-70:12:12	05 20 48.244	-70 12 12.51	
6.6696.60	MACHO*05:21:47.9-70:09:57	05 21 47.997	-70 09 57.41	HV 942
12.10803.56	MACHO*05:46:46.2-70:38:12	05 46 46.211	-70 38 12.79	
16.5641.22	MACHO*05:14:46.2-67:55:48	05 14 46.177	-67 55 48.07	HV 2379
18.3325.148	MACHO*05:01:00.2-69:03:43	05 01 00.299	-69 03 43.53	HV 12524, SP 31-38 ^b
79.5743.15	MACHO*05:15:51.8-69:10:08	05 15 51.834	-69 10 08.99	PMN J0515-6910 ^d
80.6956.207	MACHO*05:22:56.9-68:58:16	05 22 56.944	-68 58 16.87	SHV 0523154-690100 ^e
80.7559.28	MACHO*05:26:33.8-69:07:33	05 26 33.853	-69 07 33.21	SHV 0526537-690959 ^e
<u>DY Per type Stars</u>				
2.5871.1759	MACHO*05:16:51.8-68:45:17	05 16 51.890	-68 45 17.81	
10.3800.35	MACHO*05:03:44.7-69:38:12	05 03 44.790	-69 38 12.73	
15.10675.10	MACHO*05:46:13.0-71:07:40	05 46 13.045	-71 07 40.62	SHV 0546548-710843 ^e , SP 55-23 ^b
78.6460.7	MACHO*05:19:56.0-69:48:06	05 19 56.050	-69 48 06.44	

^aIRAS faint Source Catalog

^bCarbon star (Sanduleak, & Philip 1977)

^cDiscovered previously by Alcock et al. (1996). Finding chart is given there.

^dParkes-MIT-NRAO Survey. Flux at 4850 MHz is 62 ± 7 mJy centered $5.3''$ from the star (Wright et al. 1994).

^ePreviously discovered as an LPV in the LMC (Hughes 1989).

Table 2: New LMC RCB Photometry

Name	JD	V	R	J	H	K	Ref.
HV 12842	2451158	–	–	12.87	12.53	11.79	2
HV 5637 (20.5036.12)	2451113	14.8	14.1	12.84	12.57	12.18	2
W Men (21.7407.7)	2450906	14.2	14.4	13.15	12.92	12.22	2
10.3800.35	2451112	17.4	15.6	12.18	10.91	10.17	2
11.8632.2507	2450448	16.0	15.9	15.29	14.61	12.93	1
	2450892	16.0	15.8	15.07	14.13	12.83	2
12.10803.56	2450448	15.2	14.4	12.74	12.24	11.76	1
	2450894	15.3	14.5	12.74	12.19	11.67	2
15.10675.10	2450894	16.2	15.1	12.22	11.08	10.50	2
16.5641.22	2451113	16.6	15.6	13.44	12.75	11.90	2
18.3325.148	2451112	14.6	13.9	12.71	12.37	12.08	2
79.5743.15	2450448	15.6	14.6	12.79	12.01	11.15	1
	2451113	19.1	18.2	15.43	13.96	12.42	2
80.6956.207	2450448	17.5	16.4	14.32	13.27	12.33	1
	2450906	~21	20.2	17.70	14.64	12.64	2
80.7559.28	2450448	16.4	15.2	13.03	12.17	11.35	1
	2450906	20.2	18.9	15.75	14.17	12.43	2
81.8394.1358	2450448	17.1	16.2	13.71	13.04	12.28	1
	2450906	18.8	18.0	15.02	13.92	12.62	2

¹This paper, CTIO

²2MASS

Table 3: Final Identification

<i>Name</i>	<i>V_{max}</i>	<i>R_{max}</i>	(V-R)	Δm	Δt	dm/dt	¹³ C	H/CH	Pulsations	Comment
<u>RCB Stars</u>										
HV 12842	13.70	13.50	0.20	>4.0	53	0.07	none	weak CH	yes	
HV 5637 (20.5036.12)	14.75	14.10	0.65	>2.4	–	–	none	weak CH	?	Only one decline known
W Men (21.7407.7)	13.90	13.67	0.23	2.70	30	0.09	none	none?	yes (240: d)	possible H β
6.6575.13	15.25	14.50	0.75	4.00	50	0.08	–	–	yes	no spectra at all
6.6696.60	15.00	14.40	0.60	5.40	45	0.12	none	none	yes	
11.8632.2507	16.10	16.00	0.10	3.00	25	0.12	–	–	yes (60.0 d)	Only Hot RCB in the LMC
12.10803.56	15.10	14.25	0.85	5.80	75	0.08	none	none	yes (50.5 d)	No red spectra
79.5743.15	15.20	14.30	0.90	4.60	50	0.09	none	weak CH	yes (53.3 d)	no red spectra
16.5641.22	14.90	14.10	0.80	6.50	125	0.06	none?	none?	?	spectrum (Bessell & Wood 198
18.3325.148	14.50	13.80	0.70	>1.7	–	–	none	weak CH	yes (83.8 d)	No declines known
80.6956.207	16.00	15.00	1.00	5.40	60	0.09	yes	none	yes	similar to DY Per
80.7559.28	15.80	14.75	1.05	5.75	35	0.16	none	none	yes	no red spectra
81.8394.1358	16.30	15.50	0.80	3.50	50	0.06	none	none	?	no red spectra
<u>DY Per Stars</u>										
2.5871.1759	16.10	14.85	1.25	2.10	200	0.01	yes	none	yes (138 d)	
10.3800.35	17.40	15.70	1.70	3.20	275	0.01	none	none	yes (206 d)	no flux at CH or 4700Å
15.10675.10	16.00	14.80	1.20	2.10	400	0.005	yes	weak H β ?	yes (116 d)	no flux at CH
78.6460.7	16.00	14.45	1.55	2.10	300	0.007	none	none	yes (208 d)	no flux at CH or 4700 Å

Table A1. MACHO Project Photometry for 20.5036.12

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48825.3106	14.243±0.016	14.859±0.017	336
48833.2274	14.189±0.015	14.866±0.015	508
48842.2419	14.230±0.015	14.939±0.015	765
48843.2827	14.249±0.015	14.941±0.015	802
48844.2223	14.237±0.015	14.919±0.015	837
48852.2494	14.226±0.015	14.904±0.015	916
48856.3140	14.342±0.017	14.997±0.016	1051
48928.1216	14.159±0.015	14.845±0.015	1633
48966.1570	14.236±0.015	14.922±0.015	2237
48967.1506	14.214±0.015	14.906±0.015	2283
49096.0556	14.195±0.015	14.893±0.015	5421
49126.9777	14.094±0.015	14.769±0.015	7271
49135.9786	14.117±0.015	14.799±0.015	7783
49165.2826	14.222±0.015	14.899±0.015	9111
49184.3319	14.127±0.015	14.801±0.015	9835
49190.2491	14.150±0.015	14.814±0.015	10257
49204.2702	14.211±0.015	14.965±0.015	10743
49212.2431	14.192±0.015	14.910±0.015	11203
49225.2646	14.257±0.015	15.109±0.015	11977
49234.2266	14.220±0.015	14.893±0.015	12109
49290.2091	14.167±0.015	14.843±0.015	13296
49313.1389	14.087±0.015	14.756±0.015	13650
49376.1739	14.180±0.015	14.875±0.015	14016
49381.1787	14.115±0.015	14.800±0.015	14235
49399.1561	14.055±0.015	14.737±0.015	14550
49406.2353	14.102±0.015	14.801±0.015	14715
49425.0567	14.090±0.015	14.775±0.015	15182
49437.1389	14.089±0.015	14.780±0.015	15661
49452.1000	14.050±0.015	14.735±0.015	16284
49478.0438	14.163±0.015	14.841±0.015	17406
49513.3355	14.252±0.015	14.936±0.015	19015
49547.2278	14.146±0.015	14.810±0.015	20717
49559.3172	14.154±0.015	14.824±0.015	21553
49573.2564	14.222±0.015	14.898±0.015	22350
49608.1654	14.234±0.015	14.916±0.015	24240
49631.1699	14.217±0.015	14.966±0.015	25388
49650.1537	14.349±0.015	15.113±0.015	26097
49705.1817	14.187±0.015	14.818±0.015	27275

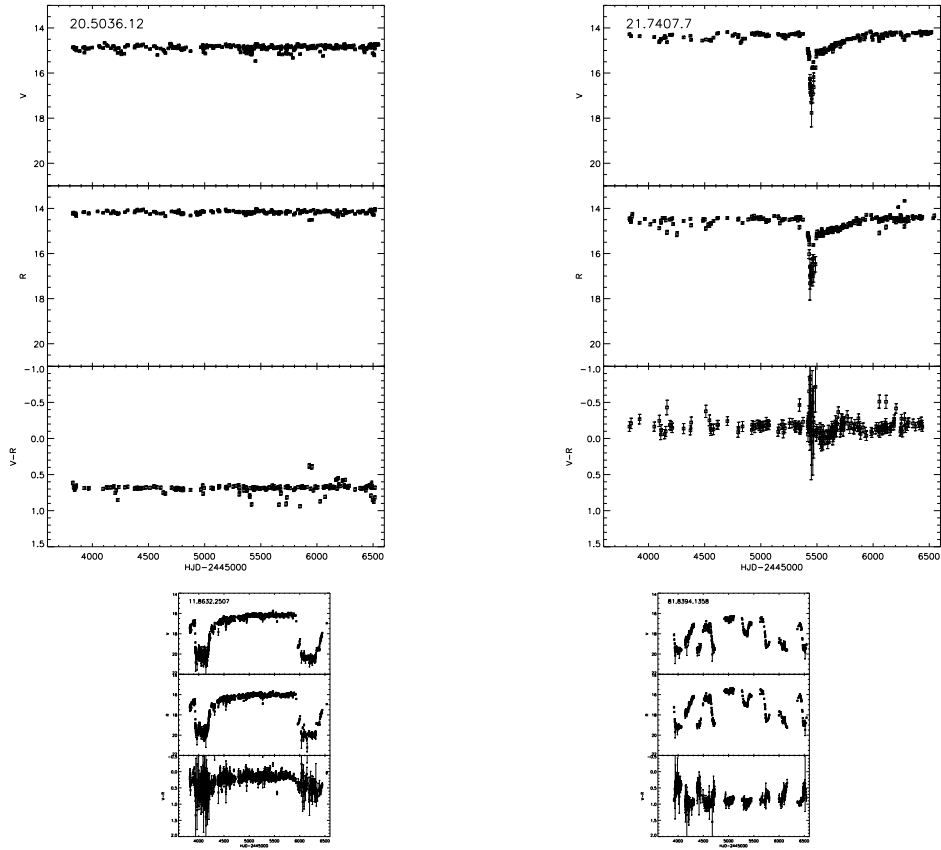


Fig. 1a.— MACHO lightcurves for confirmed RCB stars.

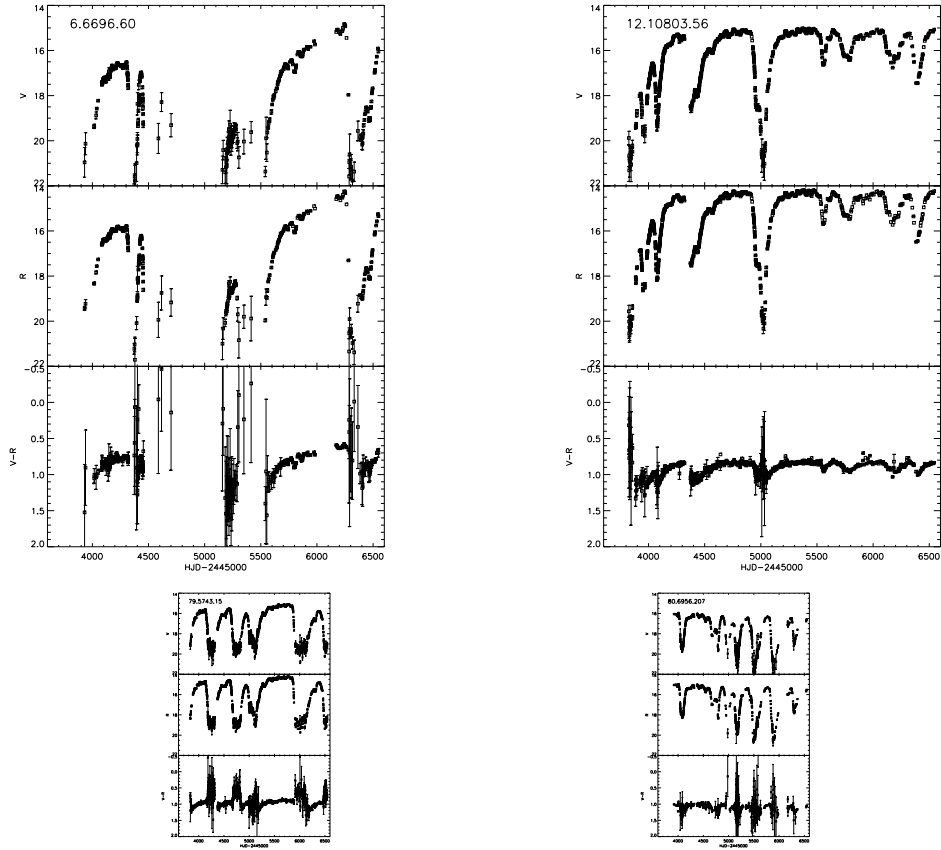


Fig. 1b.— MACHO lightcurves for confirmed RCB stars.

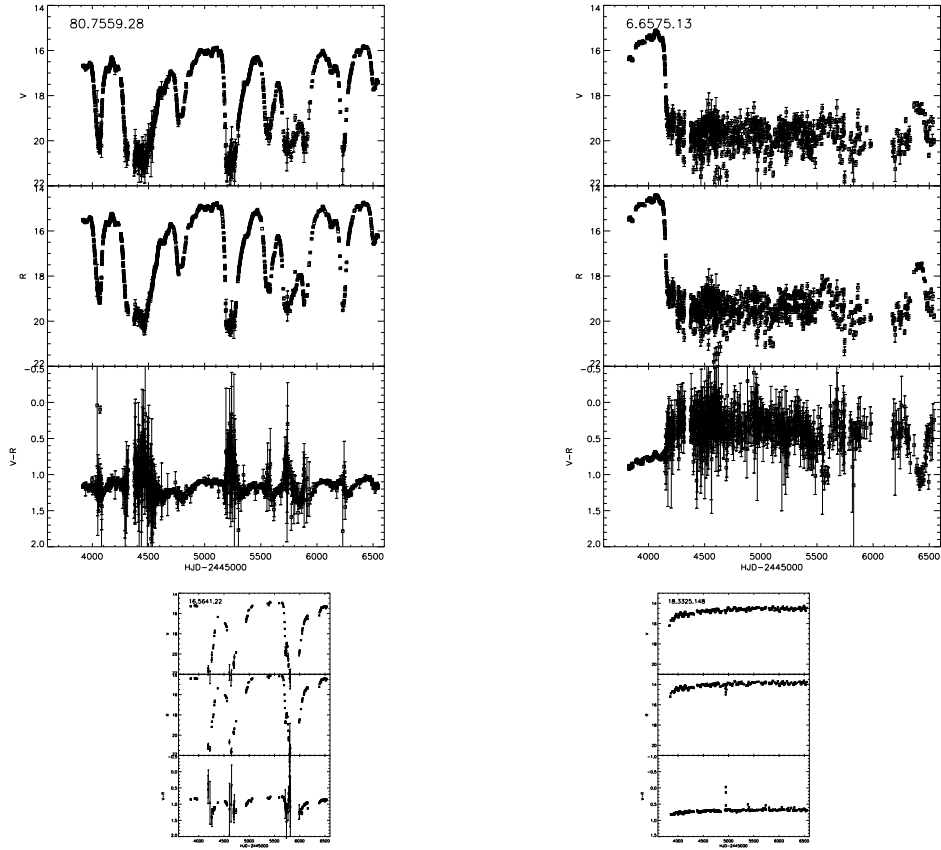


Fig. 1c.— MACHO lightcurves for confirmed RCB stars.

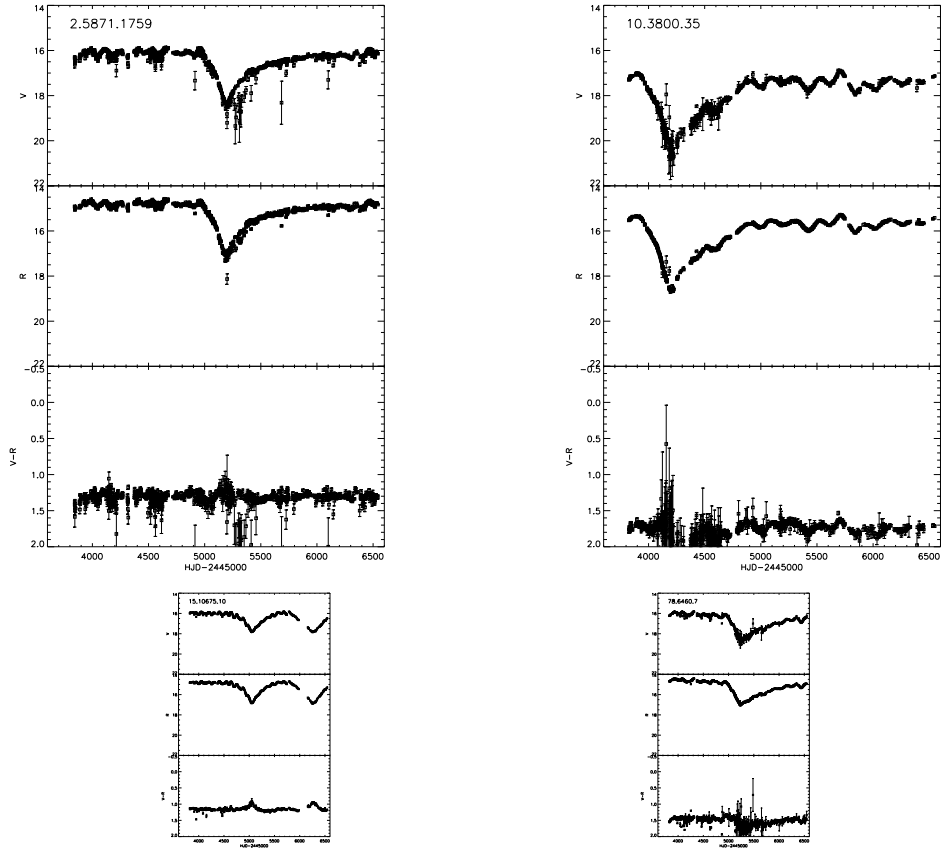


Fig. 1d.— MACHO lightcurves for DY Per type stars.

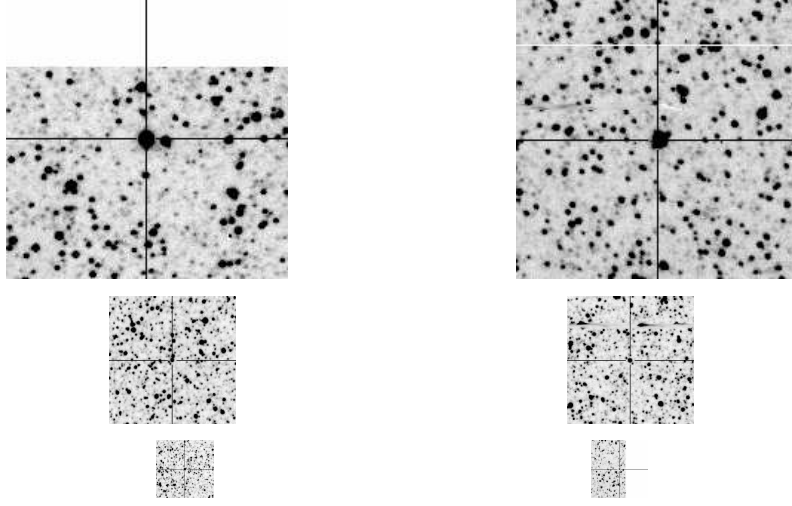


Fig. 2a.— Fields of confirmed RCB stars. Each field is 2' square. North is up and east to left. The fields are HV 5637 (upper left), W Men (upper right), 6.6696.60 (second row left), 12.10803.56 (second row right), 79.5743.15 (third row left), 80.6956.207 (third row right).

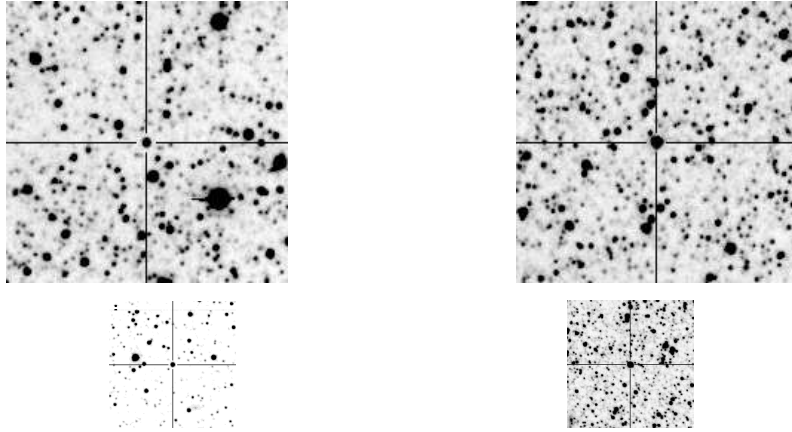


Fig. 2b.— Fields of confirmed RCB stars. Each field is 2' square. The fields are 80.7559.28 (upper left), 6.6575.13 (upper right), 16.5641.22 (bottom left), 18.3325.148 (bottom right).

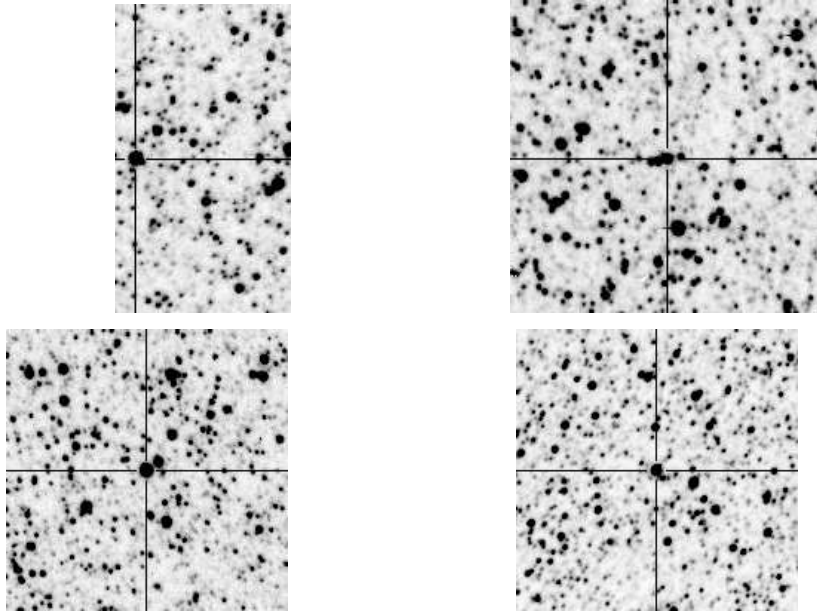


Fig. 2c.— Fields of DY Per type stars. Each field is 2' square. The fields are 2.5871.1759 (upper left), 10.3800.35 (upper right), 15.10675.10 (bottom left), and 78.6460.7 (bottom right).

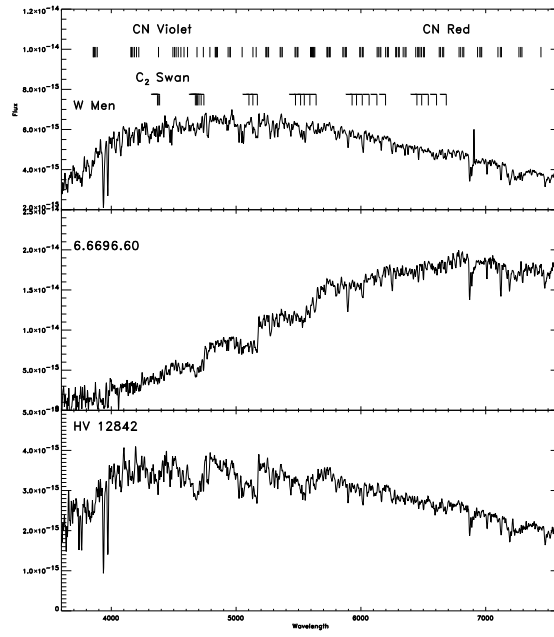


Fig. 3a.— Spectra of confirmed warm RCB stars.

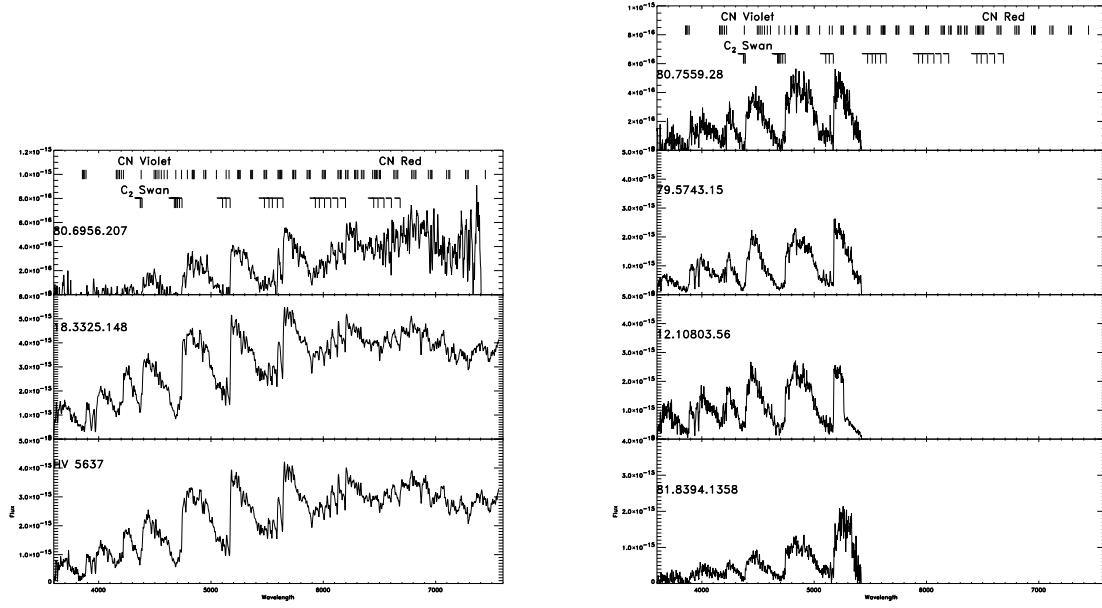


Fig. 3b.— Spectra of confirmed cool RCB stars.

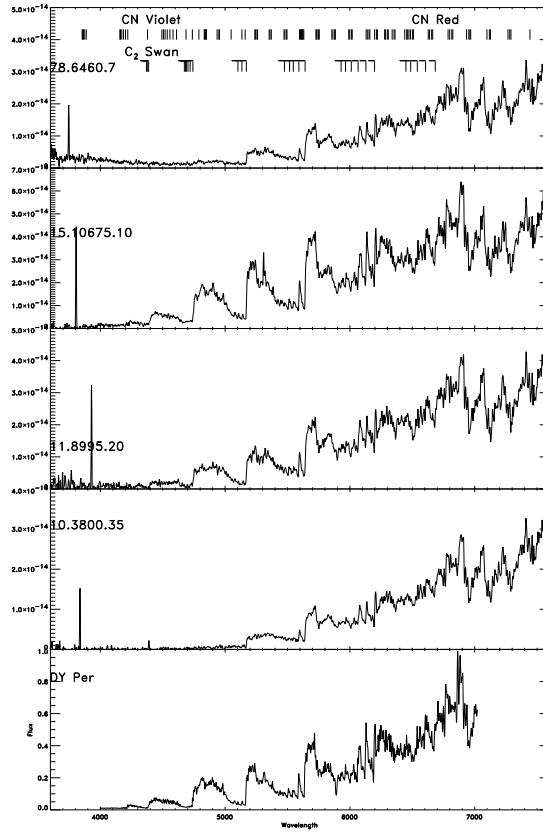


Fig. 3c.— Spectra of DY Per type stars.

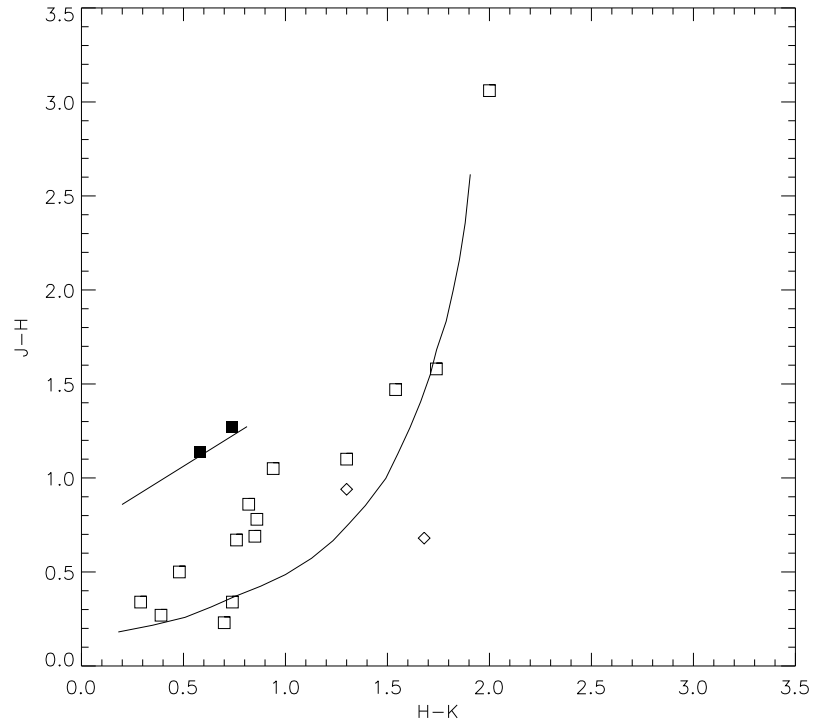


Fig. 4.— Infrared colors for the sample are plotted for the LMC RCB (open squares) and DY Per stars (filled squares). The observations of the one hot RCB star, 11.8632.2507, are shown as open diamonds. Stars with multiple IR observations are plotted more than once. The upper solid line represents the colors of LMC carbon stars (Westerlund et al. 1991). The lower line is combination of a 5500 K star and a 900 K dust shell blackbody ranging from all star to all shell. The curve is taken from Feast (1997).

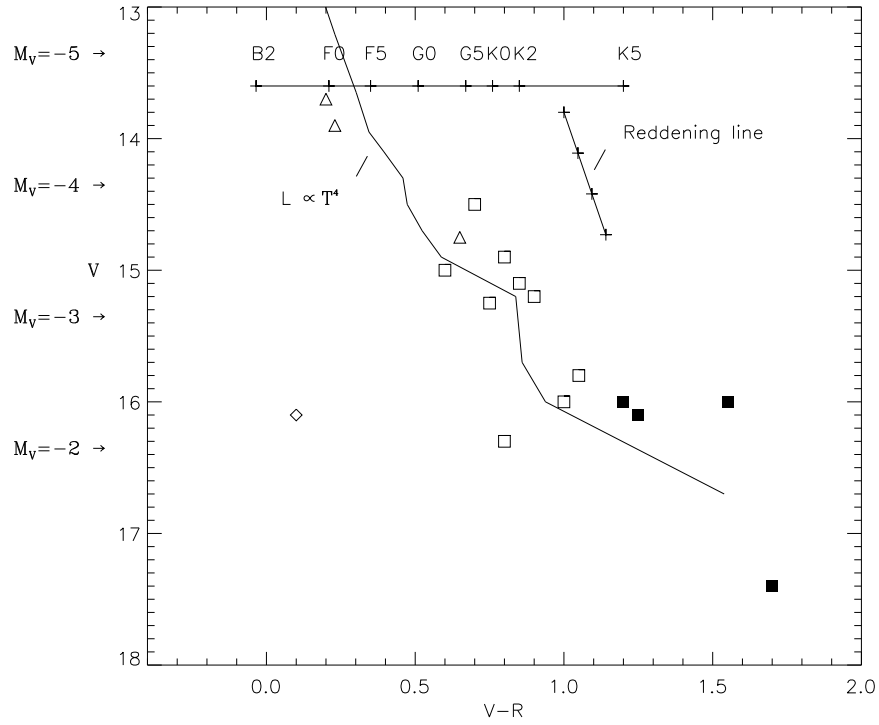


Fig. 5.— Color-Magnitude Diagram for the new LMC RCB (open squares) and DY Per stars (filled squares). The three pre-MACHO RCB stars are shown as open triangles. The one hot RCB star, 11.8632.2507 is shown as an open diamond. The plotted reddening vector shows the effect of average Galactic reddening of $E(B-V) = 0.1, 0.2, 0.3$ mag. The $L \propto T^4$ line is explained in the text.

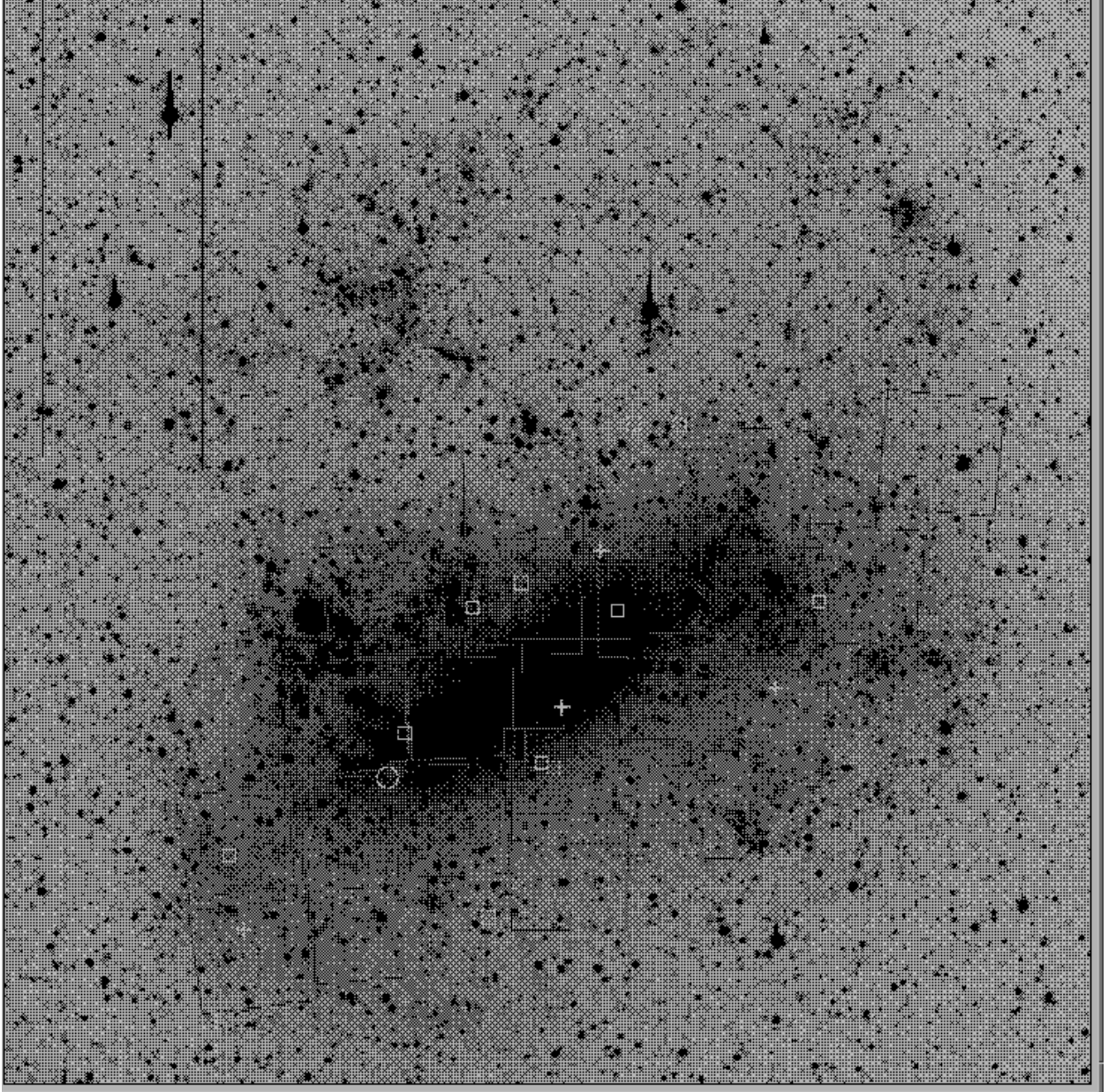


Fig. 6.— Locations of the RCB (squares) and DY Per stars (crosses) plotted on an image of the LMC (Bothun & Thompson 1988). The one hot RCB star, HV 2671 is marked with a circle. HV 12842 lies off the top of this image.

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 20.5036.12

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48825.3106	14.243±0.016	14.859±0.017	336
48833.2274	14.189±0.015	14.866±0.015	508
48842.2419	14.230±0.015	14.939±0.015	765
48843.2827	14.249±0.015	14.941±0.015	802
48844.2223	14.237±0.015	14.919±0.015	837
48852.2494	14.226±0.015	14.904±0.015	916
48856.3140	14.342±0.017	14.997±0.016	1051
48928.1216	14.159±0.015	14.845±0.015	1633
48966.1570	14.236±0.015	14.922±0.015	2237
48967.1506	14.214±0.015	14.906±0.015	2283
49096.0556	14.195±0.015	14.893±0.015	5421
49126.9777	14.094±0.015	14.769±0.015	7271
49135.9786	14.117±0.015	14.799±0.015	7783
49165.2826	14.222±0.015	14.899±0.015	9111
49184.3319	14.127±0.015	14.801±0.015	9835
49190.2491	14.150±0.015	14.814±0.015	10257
49204.2702	14.211±0.015	14.965±0.015	10743
49212.2431	14.192±0.015	14.910±0.015	11203
49225.2646	14.257±0.015	15.109±0.015	11977
49234.2266	14.220±0.015	14.893±0.015	12109
49290.2091	14.167±0.015	14.843±0.015	13296
49313.1389	14.087±0.015	14.756±0.015	13650
49376.1739	14.180±0.015	14.875±0.015	14016
49381.1787	14.115±0.015	14.800±0.015	14235
49399.1561	14.055±0.015	14.737±0.015	14550
49406.2353	14.102±0.015	14.801±0.015	14715
49425.0567	14.090±0.015	14.775±0.015	15182
49437.1389	14.089±0.015	14.780±0.015	15661
49452.1000	14.050±0.015	14.735±0.015	16284
49478.0438	14.163±0.015	14.841±0.015	17406
49513.3355	14.252±0.015	14.936±0.015	19015
49547.2278	14.146±0.015	14.810±0.015	20717
49559.3172	14.154±0.015	14.824±0.015	21553
49573.2564	14.222±0.015	14.898±0.015	22350
49608.1654	14.234±0.015	14.916±0.015	24240
49631.1699	14.217±0.015	14.966±0.015	25388
49650.1537	14.349±0.015	15.113±0.015	26097
49705.1947	14.137±0.015	14.818±0.015	27375
49731.1965	14.149±0.015	14.845±0.015	27730
49742.9844	14.164±0.015	14.870±0.015	27905
49748.9535	14.145±0.015	14.851±0.015	28093
49752.1860	14.167±0.015	14.851±0.015	28230
49761.1006	14.202±0.015	14.904±0.015	28451
49766.2242	14.120±0.015	14.812±0.016	28594
49769.2219	14.086±0.015	14.778±0.015	28656

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49788.0956	14.226±0.015	14.932±0.015	28783
49790.1060	14.230±0.015	14.935±0.015	28908
49792.0882	14.225±0.015	14.931±0.015	29000
49796.1237	14.269±0.015	14.983±0.015	29133
49803.0539	14.207±0.015	14.910±0.015	29469
49806.0640	14.217±0.015	14.911±0.015	29574
49808.0681	14.235±0.015	14.951±0.015	29683
49811.0797	14.236±0.015	14.944±0.015	29897
49873.9326	14.316±0.015	15.029±0.015	31556
49966.2663	14.144±0.015	14.851±0.015	36189
49982.2698	14.107±0.015	14.758±0.015	36754
49987.2476	14.162±0.015	14.927±0.015	36894
49995.1933	14.149±0.015	14.835±0.015	37105
50058.1824	14.114±0.015	14.797±0.015	38378
50072.1586	14.165±0.015	14.850±0.015	38664
50074.0718	14.186±0.015	14.885±0.015	38731
50126.1708	14.114±0.015	14.792±0.015	39519
50128.0217	14.130±0.015	14.788±0.015	39622
50132.2272	14.136±0.015	14.800±0.015	39841
50186.9710	14.051±0.015	14.728±0.015	41510
50193.9685	14.119±0.015	14.789±0.015	41695
50197.9783	14.125±0.015	14.814±0.015	41806
50200.9162	14.131±0.015	14.819±0.015	42120
50219.0076	14.127±0.015	14.775±0.015	42921
50255.3094	14.104±0.015	14.770±0.015	45416
50278.3099	14.163±0.015	14.820±0.015	46373
50302.2880	14.145±0.015	14.791±0.015	46781
50304.2133	14.152±0.015	14.830±0.015	46920
50309.1707	14.177±0.015	14.951±0.015	47447
50311.2175	14.162±0.015	14.884±0.015	47538
50345.2352	14.149±0.015	14.812±0.015	48751
50351.0587	14.208±0.015	14.927±0.016	48954
50353.2363	14.235±0.015	14.911±0.015	49051
50365.1886	14.308±0.015	14.984±0.016	49278
50369.2095	14.270±0.015	14.954±0.015	49422
50375.2116	14.188±0.015	14.899±0.015	49704
50377.1977	14.172±0.015	14.895±0.015	49766
50400.0966	14.230±0.015	15.018±0.015	50377
50402.0752	14.244±0.015	15.053±0.015	50433
50406.2293	14.192±0.015	14.879±0.015	50531
50418.1882	14.246±0.015	15.159±0.016	50936
50430.1366	14.158±0.015	14.834±0.015	51313
50434.0349	14.174±0.015	14.869±0.015	51454
50440.1512	14.188±0.015	14.865±0.015	51669
50441.1695	14.194±0.015	14.904±0.016	51725

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50445.1901	14.172±0.016	14.860±0.018	51796
50446.2006	14.151±0.015	14.853±0.015	51854
50456.1410	14.032±0.015	14.717±0.015	52126
50463.2151	14.023±0.015	14.706±0.015	52368
50469.2212	14.064±0.015	14.749±0.015	52531
50480.1195	14.136±0.015	14.825±0.015	52697
50485.0203	14.127±0.015	14.815±0.015	52826
50496.2538	14.107±0.015	14.803±0.015	53165
50522.0631	14.089±0.015	14.774±0.015	53850
50530.0904	14.161±0.015	14.846±0.015	54247
50541.9891	14.216±0.015	14.918±0.015	54808
50544.0919	14.212±0.015	14.908±0.015	54990
50547.9464	14.217±0.015	14.923±0.015	55315
50552.0545	14.234±0.015	14.934±0.015	55539
50573.0113	14.173±0.015	14.851±0.016	56734
50595.9352	14.072±0.015	14.756±0.015	57568
50601.9379	14.135±0.015	14.788±0.015	58064
50608.8538	14.164±0.015	14.853±0.015	58620
50615.8628	14.247±0.015	14.906±0.015	59069
50623.2318	14.178±0.015	14.870±0.015	59661
50642.2910	14.204±0.015	14.892±0.015	60617
50653.2609	14.174±0.015	14.850±0.015	61512
50658.2893	14.166±0.015	14.846±0.015	61753
50661.1705	14.248±0.015	15.165±0.016	62036
50671.1348	14.173±0.015	14.840±0.015	62677
50675.2351	14.173±0.015	14.879±0.015	62917
50679.1451	14.179±0.015	14.941±0.016	63198
50720.0924	14.168±0.015	14.843±0.015	64736
50725.2296	14.241±0.015	15.148±0.022	65097
50732.0399	14.157±0.015	14.973±0.016	65331
50733.2124	14.109±0.015	14.779±0.015	65441
50737.1983	14.116±0.015	14.777±0.016	65720
50739.1299	14.138±0.015	14.801±0.016	65834
50742.0864	14.154±0.015	14.834±0.015	65959
50760.0595	14.149±0.015	14.836±0.015	66397
50794.0205	14.280±0.015	14.994±0.015	67069
50805.1267	14.216±0.015	14.909±0.015	67411
50831.1746	14.060±0.015	14.734±0.015	67868
50849.2317	14.224±0.015	15.162±0.016	68437
50857.9912	14.113±0.015	14.782±0.015	68547
50863.1996	14.153±0.015	14.833±0.015	68760
50865.2299	14.153±0.015	14.831±0.015	68881
50869.2169	14.153±0.015	14.817±0.015	69111
50879.0676	14.136±0.015	14.815±0.016	69463
50889.1614	14.077±0.015	14.758±0.015	69985

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50909.9700	14.163±0.015	14.835±0.015	70192
50932.0308	14.523±0.028	14.901±0.015	70898
50942.8871	14.117±0.015	14.813±0.015	71220
50954.9694	14.509±0.027	14.902±0.015	71684
50968.9211	14.067±0.015	14.786±0.015	72333
50983.8864	14.237±0.015	14.904±0.016	73271
50995.3345	14.179±0.015	14.857±0.015	73680
51006.2491	14.105±0.015	14.783±0.015	74404
51029.2619	14.181±0.015	15.052±0.015	75217
51058.0740	14.145±0.015	14.816±0.015	76253
51062.2824	14.133±0.015	14.815±0.015	76409
51073.1615	14.123±0.015	14.931±0.015	76659
51075.2272	14.087±0.015	14.751±0.015	76793
51085.0310	14.135±0.015	14.802±0.015	76973
51086.2302	14.138±0.015	14.804±0.015	77075
51112.0182	14.121±0.015	14.795±0.015	77950
51114.1971	14.127±0.015	14.816±0.015	78079
51119.1522	14.142±0.015	14.791±0.015	78191
51137.2247	14.200±0.015	14.873±0.015	78530
51142.0361	14.220±0.015	14.889±0.015	78615
51148.1423	14.238±0.015	14.924±0.015	78736
51156.9708	14.245±0.015	14.918±0.015	78899
51168.1382	14.280±0.015	14.852±0.015	79038
51177.0740	14.242±0.015	14.808±0.015	79269
51181.1279	14.089±0.015	14.784±0.015	79365
51188.2071	14.366±0.015	14.917±0.015	79599
51194.1601	14.228±0.015	14.864±0.016	79710
51205.1804	14.165±0.015	14.825±0.016	79820
51228.1140	14.292±0.015	14.874±0.015	80167
51232.2152	14.296±0.015	14.873±0.015	80360
51242.1591	14.084±0.015	14.734±0.015	80531
51247.1711	14.063±0.015	14.727±0.015	80712
51250.1485	14.220±0.015	14.793±0.015	80841
51262.8900	14.200±0.015	14.869±0.015	81264
51277.0160	14.152±0.015	14.833±0.015	81550
51286.0258	14.158±0.015	14.814±0.015	82155
51339.8822	14.247±0.015	14.953±0.015	85744
51384.2307	14.193±0.015	14.878±0.015	88404
51395.3140	14.140±0.015	14.837±0.015	89288
51408.1563	14.113±0.015	14.804±0.015	90104
51411.2874	14.126±0.015	14.812±0.015	90351
51433.1781	14.221±0.015	14.893±0.015	91732
51435.2683	14.227±0.015	14.945±0.015	91966
51440.1502	14.191±0.015	14.879±0.015	92125
51447.0965	14.221±0.015	14.882±0.016	92446

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51467.1908	14.114±0.015	14.763±0.015	92828
51471.2192	14.131±0.015	14.776±0.015	92960
51473.0565	14.100±0.015	14.750±0.015	93071
51478.0648	14.051±0.015	14.717±0.015	93159
51479.9708	14.090±0.015	14.882±0.015	93260
51483.1476	14.068±0.015	14.745±0.015	93359
51486.0694	14.131±0.021	14.760±0.031	93441
51490.0767	14.156±0.015	14.817±0.016	93540
51493.0865	14.189±0.015	14.875±0.015	93637
51496.0036	14.268±0.015	15.121±0.015	93760
51505.9827	14.293±0.015	15.171±0.015	93856
51515.0420	14.103±0.015	14.920±0.015	94155
51516.1151	14.022±0.015	14.704±0.015	94234

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 21.7407.7

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48830.2932	14.444±0.056	14.279±0.036	446
48844.2381	14.576±0.061	14.367±0.038	840
48920.1478	14.636±0.051	14.368±0.043	1548
49051.2030	14.569±0.050	14.405±0.039	4046
49096.0104	14.877±0.064	14.633±0.045	5411
49108.9958	14.541±0.057	14.485±0.044	6150
49112.0515	14.630±0.059	14.514±0.046	6316
49143.9656	14.421±0.049	14.361±0.041	8056
49152.9601	14.530±0.057	14.433±0.041	8431
49163.9348	15.064±0.091	14.635±0.045	8937
49189.2960	14.490±0.053	14.303±0.035	10178
49202.2677	14.489±0.053	14.316±0.035	10664
49211.2542	14.444±0.054	14.297±0.037	11140
49312.1560	14.556±0.057	14.419±0.040	13599
49373.2302	14.459±0.050	14.347±0.037	13941
49379.2020	14.748±0.063	14.527±0.043	14174
49510.0039	14.889±0.072	14.513±0.046	18832
49541.9278	14.785±0.061	14.534±0.043	20428
49552.8939	14.657±0.052	14.520±0.044	21052
49556.8878	14.682±0.057	14.566±0.047	21325
49578.2143	14.556±0.060	14.430±0.042	22629
49611.2137	14.444±0.051	14.254±0.032	24437
49619.2252	14.418±0.052	14.229±0.033	24875
49701.9973	14.425±0.051	14.184±0.032	27247
49798.2056	14.491±0.059	14.402±0.042	29232
49801.1664	14.459±0.067	14.313±0.042	29391
49837.0896	14.642±0.056	14.476±0.041	30710
49919.2388	14.360±0.053	14.241±0.035	33247
49923.1908	14.464±0.048	14.274±0.032	33382
49937.0987	14.419±0.048	14.242±0.035	34152
49947.1036	14.452±0.052	14.308±0.035	35098
49966.2192	14.400±0.049	14.205±0.033	36178
49982.2141	14.419±0.049	14.226±0.032	36743
49987.1983	14.484±0.053	14.311±0.035	36883
49998.2687	14.388±0.056	14.237±0.034	37280
50014.1520	14.476±0.057	14.304±0.031	37688
50023.0706	14.450±0.056	14.278±0.036	37849
50046.1924	14.517±0.056	14.335±0.035	38166
50048.0023	14.595±0.063	14.375±0.035	38236
50064.1506	14.553±0.053	14.356±0.038	38543
50073.1612	14.527±0.049	14.345±0.034	38713
50154.2430	14.355±0.051	14.261±0.037	40240
50160.1771	14.438±0.052	14.305±0.037	40509
50186.9016	14.533±0.056	14.341±0.035	41499
50197.9027	14.493±0.052	14.302±0.033	41791

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50201.0561	14.493±0.058	14.413±0.040	42151
50213.9518	14.467±0.050	14.327±0.033	42539
50255.2609	14.500±0.058	14.289±0.035	45405
50278.2615	14.483±0.054	14.271±0.034	46362
50303.2526	14.467±0.054	14.285±0.034	46817
50311.1640	14.441±0.050	14.295±0.035	47527
50312.3195	14.399±0.054	14.239±0.033	47627
50336.2976	14.377±0.048	14.195±0.033	48501
50344.2066	14.832±0.078	14.369±0.035	48692
50345.2736	14.460±0.054	14.312±0.036	48759
50349.1206	14.460±0.055	14.319±0.035	48830
50351.2149	14.389±0.051	14.269±0.035	48986
50353.1869	14.406±0.053	14.263±0.035	49040
50375.1604	14.499±0.053	14.269±0.032	49693
50417.0289	15.162±0.072	14.942±0.060	50849
50418.1085	15.095±0.057	14.929±0.060	50919
50420.1436	15.140±0.064	15.086±0.072	50988
50422.0128	15.234±0.072	14.965±0.043	51055
50426.1094	15.284±0.069	15.112±0.050	51141
50426.1182	15.340±0.070	15.077±0.044	51143
50429.0181	15.396±0.072	15.197±0.045	51225
50430.0873	16.029±0.196	15.376±0.050	51302
50432.1509	15.598±0.054	15.245±0.034	51370
50437.1753	16.599±0.352	16.251±0.189	51532
50438.1468	17.311±0.754	16.491±0.226	51586
50439.2078	17.046±0.532	16.608±0.279	51654
50441.0926	16.967±0.416	16.573±0.241	51708
50450.1118	16.920±0.349	16.965±0.394	51896
50453.1833	16.948±0.368	16.830±0.317	52038
50457.1053	16.459±0.261	15.782±0.036	52179
50462.1293	16.236±0.188	15.738±0.037	52285
50463.1325	17.008±0.429	16.933±0.393	52349
50468.1402	15.621±0.047	15.514±0.042	52448
50469.1724	16.221±0.177	16.180±0.186	52520
50471.0173	16.853±0.415	16.627±0.273	52574
50486.9914	16.479±0.341	15.765±0.069	52893
50495.0769	15.318±0.069	15.264±0.058	53066
50497.0493	15.139±0.060	15.049±0.047	53187
50498.1931	15.214±0.060	15.098±0.050	53248
50521.9483	15.101±0.063	15.097±0.055	53824
50526.0045	15.190±0.059	15.050±0.047	54015
50528.1183	15.216±0.058	15.139±0.054	54171
50535.0678	15.065±0.056	15.123±0.060	54543
50542.0824	14.917±0.049	15.012±0.058	54823
50543.9612	15.159±0.072	15.057±0.054	54961

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50545.0679	15.012±0.066	15.054±0.062	55059
50553.0113	15.051±0.055	15.117±0.073	55632
50556.9655	15.205±0.060	15.126±0.070	55855
50568.9561	15.061±0.063	15.054±0.070	56420
50579.9302	15.083±0.065	15.061±0.069	57095
50593.2952	14.986±0.056	14.980±0.065	57457
50595.9844	14.921±0.054	14.978±0.063	57579
50599.8831	15.070±0.066	14.977±0.062	57849
50609.9068	14.951±0.062	14.910±0.059	58729
50613.8794	14.908±0.071	14.876±0.064	58863
50618.9017	14.929±0.060	14.852±0.058	59392
50630.3232	14.857±0.058	14.762±0.052	59782
50632.3082	14.968±0.085	14.834±0.058	59965
50634.8950	15.027±0.073	14.918±0.060	60187
50641.8692	15.047±0.071	15.037±0.069	60581
50645.2673	14.960±0.078	14.904±0.062	60792
50648.1550	14.898±0.067	14.826±0.058	60988
50652.1815	14.917±0.062	14.825±0.056	61381
50658.2516	14.870±0.059	14.729±0.049	61746
50661.1618	14.874±0.058	14.766±0.052	62034
50664.3079	14.902±0.063	14.666±0.047	62359
50669.2285	14.915±0.086	14.787±0.057	62468
50674.1688	14.846±0.075	14.732±0.051	62851
50681.1287	14.895±0.060	14.695±0.048	63398
50689.2381	15.017±0.056	14.651±0.045	63942
50708.1486	14.939±0.074	14.824±0.059	64406
50714.0847	14.865±0.077	14.712±0.052	64468
50719.1985	14.874±0.067	14.609±0.044	64695
50720.0745	14.826±0.060	14.636±0.047	64732
50721.0455	14.875±0.059	14.620±0.044	64806
50723.0088	14.839±0.056	14.611±0.044	64958
50726.0794	14.845±0.062	14.663±0.047	65147
50726.9961	14.867±0.064	14.661±0.047	65195
50730.1714	14.779±0.069	14.567±0.044	65235
50732.0529	14.775±0.071	14.590±0.046	65334
50733.9746	14.732±0.073	14.610±0.051	65460
50737.9756	14.768±0.067	14.580±0.046	65747
50739.0776	14.796±0.064	14.596±0.046	65824
50742.1327	14.805±0.065	14.582±0.044	65969
50768.1914	14.811±0.064	14.502±0.042	66497
50777.0763	14.709±0.069	14.506±0.043	66815
50792.2140	14.647±0.063	14.501±0.044	67045
50805.0312	14.708±0.065	14.499±0.044	67393
50825.2236	14.580±0.054	14.442±0.039	67752
50831.0912	14.568±0.051	14.441±0.040	67851

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50837.1321	14.662±0.051	14.463±0.039	68046
50861.0766	14.502±0.055	14.341±0.035	68607
50864.0149	14.500±0.050	14.338±0.035	68792
50869.1071	14.687±0.053	14.409±0.032	69089
50879.0016	14.645±0.055	14.481±0.040	69450
50881.1046	14.698±0.059	14.564±0.044	69540
50889.0538	14.538±0.059	14.475±0.043	69961
50910.1148	14.457±0.054	14.306±0.033	70214
50930.0523	14.502±0.055	14.416±0.041	70810
50939.9729	14.281±0.055	14.243±0.036	71045
50983.2555	14.296±0.044	14.199±0.035	73253
50990.2218	14.475±0.047	14.399±0.039	73373
51025.2692	14.408±0.052	14.283±0.033	74967
51029.3222	14.435±0.050	14.273±0.033	75225
51050.1603	14.580±0.051	14.424±0.039	75723
51052.1643	14.587±0.053	14.484±0.041	75807
51055.3135	15.089±0.078	14.578±0.046	76084
51060.2001	14.490±0.053	14.408±0.041	76343
51074.1914	14.459±0.051	14.290±0.034	76737
51083.1005	14.449±0.054	14.334±0.036	76865
51085.1725	14.482±0.057	14.351±0.038	76998
51086.1185	14.548±0.055	14.418±0.041	77055
51101.2045	14.458±0.049	14.278±0.032	77520
51106.1853	14.435±0.055	14.298±0.035	77670
51107.9693	14.408±0.047	14.284±0.032	77761
51110.9681	14.393±0.048	14.237±0.031	77883
51112.0355	14.461±0.050	14.243±0.029	77954
51113.9677	14.423±0.048	14.282±0.034	78022
51115.0480	14.828±0.084	14.320±0.035	78119
51127.9391	14.499±0.054	14.359±0.035	78361
51151.1339	14.295±0.047	14.196±0.033	78801
51154.1167	14.378±0.052	14.232±0.033	78857
51159.0958	14.428±0.045	14.259±0.030	78970
51183.9614	14.443±0.047	14.212±0.029	79475
51185.0803	14.436±0.044	14.263±0.032	79553
51188.0033	14.566±0.050	14.298±0.031	79586
51204.0236	14.620±0.056	14.204±0.034	79816
51243.0820	14.295±0.050	14.199±0.035	80588
51246.1807	14.417±0.049	14.274±0.035	80640
51251.1027	14.373±0.048	14.261±0.035	80925
51251.9487	14.580±0.049	14.306±0.033	80984
51263.1352	14.517±0.057	14.423±0.043	81309
51278.9888	14.800±0.073	14.531±0.041	81614
51288.9974	14.503±0.054	14.356±0.035	82434
51305.0059	14.496±0.052	14.322±0.035	83744

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51308.0087	14.542±0.049	14.319±0.031	83966
51316.9734	14.554±0.056	14.334±0.035	84656
51355.3303	14.423±0.051	14.214±0.031	86883
51378.2516	14.386±0.048	14.221±0.032	87944
51405.2027	14.426±0.053	14.211±0.032	89812
51415.2811	14.334±0.048	14.154±0.032	90770
51427.1774	14.456±0.054	14.222±0.031	91373
51433.2743	14.433±0.055	14.246±0.033	91749
51438.2544	14.371±0.051	14.211±0.035	92045

TABLE 1
 MACHO PROJECT PHOTOMETRY FOR 11.8632.2507

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48918.0269	16.566±0.023	16.850±0.024	1464
48920.0294	16.579±0.021	16.770±0.020	1526
48929.9584	18.923±0.072	19.672±0.154	1721
48930.0462	19.125±0.088	19.348±0.095	1740
48930.1247	19.229±0.065	19.803±0.108	1755
48930.1940	19.271±0.073	19.785±0.107	1771
48931.9723	18.976±0.073	19.540±0.127	1806
48932.1456	18.806±0.044	19.321±0.066	1842
48938.9960	19.186±0.091	19.760±0.142	1962
48942.0726	19.732±0.499	20.009±0.476	2064
48950.0093	19.497±0.070	20.032±0.102	2162
48965.1591	20.369±0.588	20.123±0.333	2185
48966.0001	19.902±0.327	20.216±0.361	2206
48966.9981	19.811±0.158	21.011±0.580	2252
48975.0837	19.482±0.178	20.237±0.301	2323
48986.0192	19.884±0.106	20.334±0.154	2378
48988.0077	19.887±0.094	20.321±0.124	2420
48988.2024	19.861±0.087	20.416±0.130	2453
48988.9963	19.671±0.113	20.109±0.169	2469
48989.1856	19.807±0.107	20.249±0.140	2503
48990.0167	19.688±0.112	20.265±0.197	2522
48996.9649	19.784±0.110	20.432±0.223	2557
48997.2171	19.493±0.565	19.462±0.380	2606
48997.2317	19.595±0.149	19.947±0.205	2609
48998.9663	19.448±0.072	19.949±0.109	2618
48999.1614	19.265±0.071	19.958±0.163	2656
49000.9812	19.057±0.078	19.744±0.150	2686
49001.1633	19.047±0.110	19.613±0.188	2721
49001.9692	19.119±0.044	19.707±0.062	2736
49002.1610	19.019±0.061	19.647±0.104	2773
49002.9665	19.002±0.040	19.545±0.059	2798
49004.0631	19.245±0.071	19.813±0.106	2817
49004.1567	19.070±0.074	19.670±0.114	2832
49004.9604	19.028±0.300	19.641±0.474	2846
49006.9756	19.626±0.062	20.162±0.088	2853
49007.1601	19.058±0.179	19.559±0.284	2888
49007.9847	19.638±0.106	20.454±0.242	2913
49008.1448	19.604±0.077	20.213±0.124	2937
49011.1419	19.214±0.055	19.813±0.093	2968
49012.0556	19.065±0.078	19.579±0.105	2982
49012.0603	18.981±0.073	19.737±0.137	2983
49017.0028	18.788±0.049	19.386±0.083	3091
49018.9933	19.181±0.045	19.860±0.078	3148
49019.1265	19.112±0.035	19.727±0.057	3172
49021.0611	19.012±0.077	19.417±0.099	3205

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49021.9985	19.281±0.071	20.005±0.153	3254
49024.9653	19.318±0.201	19.804±0.368	3316
49029.9704	19.697±0.107	20.199±0.156	3379
49032.9621	19.715±0.187	20.185±0.274	3407
49036.0902	19.918±0.196	20.339±0.255	3497
49043.9639	19.895±0.116	20.503±0.205	3689
49044.0653	19.734±0.099	20.316±0.163	3707
49044.9746	19.637±0.131	20.299±0.246	3755
49045.9486	19.870±0.093	20.314±0.134	3805
49046.0540	19.657±0.089	20.278±0.149	3824
49049.0475	19.589±0.108	20.095±0.158	3918
49050.1164	19.734±0.190	20.220±0.261	3993
49051.9405	19.798±0.164	20.224±0.255	4056
49054.0503	19.958±0.175	20.706±0.485	4069
49059.9784	19.701±0.081	20.248±0.125	4131
49060.9249	19.593±0.076	20.156±0.121	4168
49061.9280	19.831±0.108	20.318±0.157	4209
49062.9260	19.653±0.114	20.037±0.152	4255
49065.0249	19.690±0.082	20.306±0.142	4278
49065.1787	19.791±0.120	20.289±0.209	4307
49065.9466	19.730±0.072	20.342±0.121	4331
49066.0020	19.741±0.071	20.233±0.103	4336
49066.1834	19.741±0.105	20.242±0.194	4373
49067.9410	19.514±0.122	20.107±0.212	4429
49068.9826	19.756±0.079	20.240±0.114	4476
49069.9316	19.823±0.122	20.181±0.152	4529
49076.9885	19.757±0.121	20.232±0.171	4695
49077.1028	19.742±0.148	20.343±0.278	4718
49077.9480	19.955±0.181	20.462±0.242	4766
49079.1761	19.606±0.188	19.910±0.250	4794
49081.0186	19.873±0.155	20.078±0.188	4837
49084.0283	20.011±0.419	20.398±0.759	4983
49084.9631	19.625±0.141	20.084±0.237	5005
49085.9327	19.737±0.157	20.426±0.335	5018
49086.9389	19.932±0.159	20.363±0.223	5027
49088.0572	19.963±0.172	20.513±0.304	5099
49088.9583	19.723±0.081	20.200±0.105	5114
49089.9551	19.815±0.070	20.323±0.087	5168
49093.0051	19.932±0.187	20.072±0.167	5250
49093.8974	19.800±0.093	20.353±0.146	5266
49094.9003	19.893±0.085	20.241±0.100	5293
49097.9027	19.886±0.079	20.361±0.106	5577
49098.0300	19.784±0.092	20.240±0.142	5599
49098.9010	19.895±0.077	20.347±0.099	5669
49099.0022	19.659±0.091	20.229±0.155	5691

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49099.9971	19.800±0.084	20.128±0.101	5731
49100.8887	19.816±0.128	20.230±0.152	5814
49101.9028	19.829±0.088	20.241±0.109	5874
49103.8993	19.749±0.094	20.204±0.125	5901
49106.9799	19.843±0.122	20.306±0.197	6028
49107.9171	19.974±0.139	20.449±0.222	6067
49108.0515	19.724±0.137	20.016±0.201	6093
49108.9018	19.978±0.106	20.613±0.215	6130
49112.9083	20.001±0.128	20.735±0.311	6381
49114.8924	19.621±0.122	20.003±0.156	6468
49117.9048	19.676±0.104	20.240±0.157	6556
49118.8770	19.626±0.117	20.237±0.191	6645
49120.8835	19.743±0.106	20.274±0.160	6706
49123.8848	19.787±0.134	20.285±0.186	6930
49124.8829	19.738±0.122	20.221±0.165	7031
49125.8783	19.815±0.082	20.254±0.107	7135
49126.8795	20.288±0.182	20.448±0.157	7251
49126.9059	19.940±0.090	20.330±0.114	7255
49127.8874	19.872±0.105	20.444±0.170	7358
49133.9515	19.824±0.101	20.315±0.163	7600
49134.8857	19.927±0.102	20.387±0.146	7662
49141.2957	19.680±0.188	21.092±0.967	7896
49143.8770	19.737±0.170	20.449±0.361	8037
49144.8711	19.957±0.124	20.338±0.151	8099
49145.2988	19.392±0.207	20.386±0.657	8180
49152.8659	19.846±0.188	20.231±0.232	8411
49153.2781	19.628±0.149	20.528±0.378	8498
49153.8745	19.685±0.098	20.128±0.141	8518
49154.8717	19.764±0.436	20.011±0.424	8570
49156.8729	19.681±0.126	20.140±0.179	8634
49162.9138	19.419±0.147	19.867±0.219	8830
49163.8693	19.791±0.099	20.332±0.180	8923
49164.8693	19.799±0.293	20.175±0.380	9024
49165.9232	19.380±0.172	20.051±0.408	9132
49169.9170	19.544±0.189	19.859±0.274	9290
49170.3113	19.543±0.090	20.150±0.149	9329
49172.8645	19.589±0.148	20.637±0.565	9368
49179.2618	19.231±0.108	19.859±0.199	9522
49180.2223	19.160±0.130	19.617±0.190	9549
49181.1902	18.995±0.096	19.658±0.177	9631
49181.8985	19.198±0.183	19.771±0.325	9668
49183.2760	19.081±0.100	19.679±0.163	9751
49188.8712	19.214±0.118	20.002±0.306	10094
49189.1581	19.375±0.169	19.709±0.209	10150
49190.1666	18.972±0.086	19.526±0.132	10239

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49191.8743	19.060±0.113	19.653±0.234	10276
49195.1806	18.680±0.076	19.288±0.130	10359
49196.1302	18.528±0.083	19.305±0.198	10435
49197.1646	18.322±0.083	19.005±0.167	10508
49200.1921	18.399±0.082	18.952±0.142	10579
49200.2863	18.386±0.047	18.954±0.072	10598
49204.1487	18.079±0.058	18.652±0.127	10716
49205.1473	18.171±0.055	18.754±0.107	10815
49212.1648	17.829±0.038	18.249±0.040	11186
49216.1682	18.190±0.076	18.565±0.084	11310
49224.0759	18.014±0.054	18.423±0.078	11876
49225.0620	17.914±0.046	18.392±0.067	11940
49226.2821	17.944±0.050	18.425±0.069	11994
49254.0491	16.946±0.157	17.334±0.206	12170
49258.9903	17.091±0.060	17.414±0.076	12457
49291.2451	17.407±0.181	17.816±0.213	13315
49372.9723	16.717±0.019	16.955±0.020	13908
49375.9810	16.707±0.023	16.999±0.025	13979
49377.0030	16.737±0.022	17.029±0.024	14039
49380.9587	16.678±0.024	16.984±0.028	14204
49398.9488	16.587±0.018	16.967±0.018	14514
49405.1485	16.672±0.019	17.029±0.023	14655
49413.9466	16.553±0.019	16.845±0.021	14936
49415.9454	16.535±0.018	16.741±0.018	14997
49429.9575	16.522±0.021	16.712±0.018	15453
49458.9283	16.425±0.017	16.661±0.017	16476
49461.9748	16.408±0.021	16.607±0.018	16646
49465.9629	16.555±0.018	16.868±0.023	16845
49466.9562	16.507±0.018	16.841±0.021	16918
49466.9698	16.432±0.017	16.726±0.020	16921
49478.9550	16.346±0.016	16.651±0.018	17448
49479.8972	16.288±0.017	16.572±0.019	17524
49482.0003	16.500±0.021	16.750±0.019	17609
49484.8821	16.310±0.016	16.591±0.017	17726
49485.9485	16.350±0.020	16.551±0.018	17814
49542.2816	16.356±0.018	16.607±0.018	20463
49542.3185	16.284±0.019	16.524±0.018	20471
49563.2463	16.411±0.019	16.662±0.020	21829
49575.1454	16.649±0.017	16.926±0.017	22498
49579.3152	16.356±0.020	16.500±0.019	22734
49580.3095	16.696±0.017	16.890±0.016	22821
49581.1033	16.357±0.019	16.567±0.019	22859
49590.1023	16.353±0.021	16.564±0.020	23310
49591.2016	16.706±0.017	17.033±0.017	23381
49591.2945	16.348±0.018	16.677±0.019	23388

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49597.1316	16.403±0.018	16.652±0.018	23689
49598.1997	16.422±0.020	16.584±0.019	23760
49598.3042	16.312±0.019	16.523±0.020	23775
49605.1403	16.472±0.019	16.635±0.019	24017
49606.1370	16.593±0.018	16.812±0.017	24092
49606.3026	16.329±0.018	16.613±0.019	24124
49607.1337	16.444±0.019	16.658±0.019	24171
49621.1303	16.419±0.019	16.586±0.019	24999
49621.2905	16.247±0.021	16.498±0.021	25024
49631.0923	16.354±0.020	16.577±0.021	25371
49631.2784	16.311±0.018	16.559±0.019	25410
49635.0275	16.382±0.020	16.578±0.021	25485
49640.0793	16.513±0.018	16.794±0.018	25732
49641.1075	16.463±0.017	16.723±0.017	25796
49650.2607	16.212±0.018	16.429±0.019	26118
49652.1409	16.251±0.019	16.432±0.019	26148
49666.0618	16.281±0.019	16.513±0.020	26289
49672.9652	16.335±0.024	16.554±0.024	26486
49674.0791	16.147±0.020	16.350±0.021	26515
49691.0148	16.463±0.017	16.699±0.017	26787
49692.0594	16.421±0.016	16.686±0.017	26855
49693.0811	16.468±0.016	16.735±0.017	26916
49694.0329	16.242±0.018	16.412±0.018	26960
49698.0777	16.445±0.017	16.656±0.017	27095
49699.1827	16.411±0.019	16.581±0.019	27138
49728.9520	16.160±0.018	16.383±0.018	27585
49798.0030	16.158±0.018	16.384±0.018	29187
49808.9803	16.220±0.017	16.430±0.018	29741
49811.0031	16.228±0.017	16.491±0.017	29882
49866.8841	16.342±0.017	16.645±0.019	31368
49944.2051	16.154±0.018	16.345±0.019	34914
49958.0737	16.058±0.018	16.214±0.018	35865
49968.1762	16.106±0.018	16.273±0.019	36279
49970.0462	15.874±0.030	16.027±0.034	36331
49973.0566	16.092±0.019	16.218±0.019	36477
49975.2593	16.024±0.017	16.228±0.017	36582
49997.0928	16.117±0.021	16.305±0.023	37178
50006.0882	15.926±0.018	16.124±0.019	37472
50039.0951	16.164±0.016	16.261±0.016	38074
50039.2218	16.106±0.017	16.244±0.017	38100
50071.9951	16.183±0.017	16.303±0.017	38631
50078.0984	16.049±0.016	16.302±0.017	38797
50089.0413	16.138±0.016	16.337±0.016	38866
50092.0675	15.872±0.023	15.987±0.024	38966
50092.1084	15.986±0.018	16.138±0.019	38975

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50096.0611	15.966±0.017	16.166±0.018	39040
50102.1139	15.984±0.016	16.194±0.016	39066
50108.0760	16.086±0.017	16.312±0.017	39173
50109.0718	15.910±0.016	16.096±0.017	39236
50110.0787	15.993±0.016	16.219±0.017	39297
50127.0558	16.040±0.017	16.312±0.018	39563
50192.9185	15.829±0.017	16.008±0.018	41625
50232.8758	16.344±0.016	16.557±0.018	44023
50247.8821	15.949±0.019	16.165±0.018	45143
50316.1966	16.209±0.018	16.384±0.018	47854
50361.1099	16.066±0.017	16.187±0.017	49211
50370.0628	16.043±0.016	16.165±0.016	49467
50378.0556	16.158±0.017	16.260±0.017	49805
50380.0731	16.068±0.017	16.314±0.017	49863
50390.0000	16.116±0.017	16.304±0.018	50106
50412.0897	16.020±0.018	16.244±0.018	50759
50421.0543	16.033±0.018	16.115±0.017	51025
50423.1662	16.055±0.017	16.199±0.017	51082
50432.0337	16.017±0.019	16.156±0.019	51344
50446.0806	15.868±0.016	16.036±0.017	51827
50453.0658	15.874±0.016	16.024±0.017	52013
50466.0328	15.961±0.018	16.186±0.019	52406
50485.1728	16.058±0.017	16.323±0.017	52853
50565.9574	15.852±0.017	16.054±0.016	56150
50608.3290	16.195±0.019	16.377±0.018	58615
50690.2426	16.078±0.018	16.249±0.017	64024
50702.2359	15.944±0.018	16.058±0.017	64217
50705.2200	15.996±0.018	16.219±0.018	64348
50722.0951	16.193±0.017	16.259±0.016	64903
50741.2329	15.887±0.018	16.078±0.018	65912
50794.0736	15.864±0.018	15.970±0.017	67081
50806.0178	15.897±0.017	16.010±0.016	67438
50843.0398	15.867±0.016	16.052±0.018	68248
50846.1114	16.094±0.016	16.278±0.016	68364
50969.9601	18.850±0.057	19.177±0.095	72442
50980.9154	18.769±0.071	19.278±0.114	72957
51025.2913	19.734±0.153	19.999±0.169	74972
51049.2258	19.933±0.083	20.416±0.123	75649
51185.2279	19.998±0.166	20.551±0.346	79578
51194.1351	19.951±0.173	20.834±0.432	79705
51205.2264	19.924±0.148	20.354±0.210	79826
51215.1118	19.914±0.191	20.201±0.230	79949
51224.1565	20.099±0.105	20.777±0.199	80054
51228.1349	19.931±0.126	20.439±0.191	80171
51236.9414	20.118±0.177	20.653±0.267	80403

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51242.0415	19.789±0.129	20.376±0.264	80507
51242.1870	19.953±0.158	20.475±0.360	80537
51247.9547	20.084±0.095	20.494±0.122	80753
51252.0976	20.180±0.207	20.796±0.338	81017
51262.9186	20.017±0.121	20.346±0.139	81269
51279.9618	20.095±0.065	20.663±0.101	81728
51285.9855	19.979±0.106	20.476±0.162	82146
51286.9905	19.894±0.108	20.392±0.163	82225
51289.9039	19.868±0.181	20.443±0.302	82488
51292.9054	19.870±0.130	20.328±0.203	82820
51299.9257	20.171±0.131	20.671±0.231	83199
51301.9510	19.923±0.105	20.309±0.135	83390
51307.9390	19.676±0.084	20.148±0.118	83951
51312.9211	19.713±0.128	20.389±0.231	84228
51362.3204	18.943±0.098	19.511±0.185	87255
51394.2786	18.967±0.059	19.584±0.103	89178
51402.2417	18.380±0.054	18.924±0.083	89699

TABLE 1
 MACHO PROJECT PHOTOMETRY FOR 81.8394.1358

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48919.2427	17.221±0.024	18.085±0.031	1514
48932.1644	18.436±0.057	18.969±0.068	1846
48938.1899	19.053±0.172	19.651±0.241	1939
48949.1930	19.149±0.069	19.470±0.061	2145
48965.1779	19.137±0.241	19.510±0.255	2189
48985.0222	19.276±0.164	19.654±0.158	2343
48986.0423	19.106±0.064	19.503±0.064	2383
48988.0329	19.524±0.432	19.655±0.340	2425
48989.0174	19.070±0.083	19.540±0.091	2473
48990.0349	19.209±0.144	19.602±0.136	2526
48996.9831	19.162±0.078	19.611±0.097	2561
48998.9848	19.171±0.092	19.651±0.103	2622
49000.9997	19.160±0.166	19.582±0.181	2690
49001.9876	19.159±0.087	19.544±0.083	2740
49002.9850	19.182±0.074	19.591±0.070	2802
49006.9949	19.083±0.059	19.567±0.058	2857
49008.0034	19.246±0.161	19.483±0.122	2917
49011.0957	19.161±0.042	19.636±0.050	2961
49012.0846	19.042±0.161	19.745±0.248	2987
49017.0216	19.188±0.136	19.583±0.143	3095
49019.0170	19.162±0.053	19.736±0.056	3153
49022.0590	19.174±0.084	19.658±0.091	3267
49030.0306	19.152±0.112	19.447±0.108	3392
49032.9801	19.146±0.131	19.582±0.143	3411
49041.0094	19.129±0.076	19.562±0.080	3598
49044.0049	19.134±0.064	19.627±0.070	3698
49045.0050	19.190±0.142	19.529±0.137	3760
49046.0013	19.223±0.070	19.634±0.074	3816
49048.9898	19.169±0.114	19.638±0.140	3909
49060.9500	19.216±0.079	19.611±0.084	4173
49061.9511	19.193±0.060	19.568±0.060	4214
49062.9493	19.143±0.094	19.573±0.094	4260
49141.3135	17.933±0.066	18.805±0.114	7900
49142.3138	17.942±0.066	19.005±0.186	7961
49144.2986	17.861±0.069	18.791±0.153	8082
49145.3165	17.755±0.058	18.669±0.120	8184
49153.2958	17.701±0.047	18.635±0.077	8502
49170.3290	17.764±0.042	18.687±0.069	9333
49179.2816	17.754±0.029	18.719±0.061	9526
49181.2078	17.699±0.035	18.634±0.063	9635
49182.1895	17.569±0.070	18.414±0.109	9729
49183.2936	17.553±0.052	18.555±0.102	9755
49189.1760	17.473±0.040	18.516±0.086	10154
49190.1844	17.471±0.035	18.489±0.067	10243
49195.1983	17.468±0.045	18.406±0.069	10363

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49196.1479	17.463±0.037	18.443±0.071	10439
49200.2147	17.559±0.035	18.534±0.075	10584
49204.1664	17.370±0.041	18.317±0.094	10720
49205.1653	17.293±0.057	18.242±0.118	10819
49209.1537	17.269±0.050	18.199±0.085	10943
49224.0948	17.012±0.032	17.988±0.059	11880
49225.0900	17.055±0.021	18.089±0.046	11944
49226.2999	16.934±0.041	17.875±0.078	11998
49268.1210	16.537±0.028	17.468±0.033	12651
49281.1881	16.212±0.028	17.235±0.047	12995
49303.0979	16.179±0.022	17.085±0.027	13405
49313.0495	16.191±0.019	17.110±0.023	13633
49372.9955	18.963±0.059	19.465±0.070	13912
49375.9996	18.975±0.081	19.440±0.093	13983
49377.0228	19.109±0.066	19.570±0.079	14043
49378.9745	19.024±0.115	19.651±0.244	14139
49382.0631	19.227±0.142	19.873±0.309	14260
49386.9992	19.028±0.129	19.417±0.154	14356
49390.9894	19.077±0.113	19.423±0.126	14434
49398.9724	19.019±0.047	19.570±0.050	14518
49399.9701	19.001±0.137	19.438±0.152	14574
49412.7449	19.065±0.102	19.628±0.160	14881
49413.9666	18.978±0.070	19.441±0.066	14940
49414.9911	18.881±0.293	19.550±0.593	14980
49415.9662	19.076±0.040	19.605±0.050	15001
49416.9564	18.982±0.067	19.458±0.075	15058
49424.9549	18.986±0.100	19.475±0.113	15165
49426.9556	19.063±0.080	19.563±0.103	15303
49428.9484	18.992±0.123	19.539±0.158	15382
49432.9427	18.924±0.077	19.451±0.101	15483
49433.9399	18.836±0.085	19.370±0.135	15520
49434.9450	18.872±0.068	19.475±0.103	15561
49435.9434	18.771±0.138	19.149±0.176	15602
49436.9383	18.812±0.069	19.410±0.115	15637
49526.3119	16.391±0.029	17.307±0.038	19565
49562.3304	16.407±0.031	17.319±0.036	21773
49563.2667	16.426±0.028	17.367±0.041	21833
49567.1597	16.513±0.029	17.461±0.038	21907
49588.1569	16.313±0.025	17.201±0.048	23191
49599.1815	16.602±0.035	17.503±0.041	23824
49623.2273	16.144±0.019	17.085±0.024	25047
49629.1876	16.109±0.024	17.025±0.028	25289
49631.1112	16.184±0.020	17.078±0.022	25375
49654.1654	16.897±0.026	17.765±0.038	26177
49661.1714	17.310±0.031	18.219±0.053	26247

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49668.1497	17.753±0.031	18.596±0.050	26389
49671.0413	17.734±0.059	18.563±0.107	26431
49672.9889	17.910±0.076	18.833±0.171	26490
49674.0973	18.033±0.041	18.964±0.097	26519
49675.2244	17.978±0.060	18.804±0.127	26558
49677.0439	18.492±0.134	20.039±0.669	26578
49682.0265	18.523±0.063	19.224±0.082	26617
49688.0827	18.448±0.062	19.288±0.113	26685
49689.0470	18.357±0.076	19.133±0.110	26716
49690.1050	18.501±0.047	19.271±0.080	26753
49691.0330	18.706±0.032	19.434±0.044	26791
49696.0855	18.580±0.090	19.330±0.139	26987
49697.0756	18.752±0.055	19.393±0.075	27036
49701.0433	18.682±0.146	19.240±0.186	27218
49703.0560	18.775±0.056	19.433±0.081	27265
49704.1467	18.882±0.084	19.482±0.129	27320
49705.0515	18.622±0.112	19.387±0.197	27352
49707.1002	18.770±0.089	19.376±0.130	27408
49724.0419	18.910±0.064	19.458±0.078	27554
49728.9739	18.847±0.042	19.550±0.064	27589
49940.1762	15.679±0.017	16.557±0.022	34500
49941.3142	15.603±0.021	16.480±0.029	34604
49943.2299	15.797±0.016	16.738±0.017	34806
49953.2221	15.685±0.017	16.570±0.019	35563
49954.1395	15.589±0.019	16.466±0.020	35624
49958.0914	15.834±0.016	16.750±0.018	35869
49967.2030	15.776±0.018	16.670±0.023	36222
49973.0743	15.633±0.019	16.609±0.036	36481
49973.1758	15.809±0.016	16.716±0.020	36494
49975.2775	15.813±0.017	16.714±0.019	36586
49988.0474	15.732±0.017	16.640±0.018	36936
49995.0766	15.728±0.018	16.609±0.021	37079
49997.1162	15.681±0.019	16.590±0.024	37183
49999.1909	15.786±0.019	16.649±0.024	37336
50006.1059	15.983±0.017	16.938±0.018	37476
50007.0920	15.807±0.018	16.742±0.021	37552
50020.2316	15.552±0.019	16.450±0.028	37774
50039.1128	15.848±0.016	16.849±0.017	38078
50039.2400	15.760±0.017	16.572±0.017	38104
50049.1766	15.717±0.018	16.519±0.018	38310
50055.1969	15.738±0.017	16.568±0.019	38334
50072.0129	15.696±0.016	16.621±0.018	38635
50087.1604	15.532±0.018	16.368±0.021	38854
50090.0529	15.678±0.017	16.497±0.017	38921
50092.0852	15.671±0.016	16.507±0.017	38970

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50096.0792	15.495±0.019	16.353±0.023	39044
50277.2785	16.120±0.020	16.996±0.023	46290
50294.2728	16.735±0.034	17.591±0.042	46551
50303.1861	16.784±0.047	17.635±0.052	46802
50305.2319	16.730±0.030	17.639±0.036	47045
50307.3160	16.718±0.026	17.638±0.036	47265
50308.1669	16.779±0.030	17.655±0.034	47349
50319.2541	16.983±0.039	17.874±0.042	47989
50320.3054	17.013±0.024	17.924±0.033	48110
50328.2685	16.999±0.046	18.033±0.106	48287
50330.2881	17.104±0.028	18.065±0.041	48367
50334.1818	17.062±0.033	18.096±0.058	48416
50336.2003	17.071±0.029	18.059±0.047	48480
50342.2484	17.057±0.039	18.085±0.081	48581
50354.0264	16.882±0.033	17.875±0.066	49087
50361.1277	16.932±0.031	17.822±0.059	49215
50365.0187	16.938±0.042	17.833±0.048	49243
50369.0593	16.919±0.034	17.878±0.038	49390
50386.1699	16.533±0.030	17.449±0.035	50034
50402.1577	16.190±0.022	17.091±0.023	50450
50408.0593	16.155±0.021	17.068±0.024	50617
50410.0290	16.154±0.026	17.023±0.027	50647
50412.1087	16.167±0.020	17.076±0.026	50763
50423.1843	15.986±0.018	16.847±0.019	51086
50438.0536	16.107±0.026	16.983±0.027	51565
50452.1245	16.099±0.017	16.927±0.017	51984
50623.2609	15.946±0.019	16.811±0.024	59667
50660.1998	15.893±0.018	16.782±0.019	61938
50663.1266	15.903±0.018	16.789±0.020	62216
50681.1729	15.866±0.017	16.780±0.024	63408
50732.0083	17.934±0.047	18.690±0.075	65324
50733.1808	18.025±0.053	18.771±0.082	65434
50734.2525	18.303±0.041	19.012±0.053	65520
50737.2348	18.306±0.075	19.229±0.184	65728
50739.1638	18.350±0.108	19.068±0.166	65841
50742.1415	18.449±0.080	19.133±0.106	65971
50798.0457	18.215±0.045	18.921±0.074	67199
50804.1049	17.997±0.035	18.865±0.063	67350
50996.3063	18.032±0.064	18.868±0.088	73778
51005.2245	17.671±0.057	18.486±0.118	74298
51029.2707	17.745±0.051	18.653±0.078	75219
51050.1867	18.170±0.041	19.111±0.077	75729
51055.2361	18.262±0.054	19.098±0.114	76069
51058.1578	18.266±0.100	19.141±0.190	76272
51063.1296	18.627±0.075	19.425±0.166	76468

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51073.2778	18.800±0.070	19.517±0.099	76683
51083.1709	18.668±0.039	19.424±0.055	76880
51085.2618	18.532±0.063	19.200±0.085	77018
51087.1637	18.410±0.088	19.087±0.130	77131
51090.1275	18.334±0.125	18.925±0.211	77282
51101.2090	18.390±0.053	19.219±0.091	77521
51107.2356	18.509±0.044	19.168±0.055	77746
51110.2480	18.383±0.089	19.032±0.121	77871
51110.2619	18.488±0.093	19.100±0.144	77874
51113.2040	18.297±0.132	18.935±0.187	78011
51115.2179	18.668±0.045	19.365±0.074	78139
51120.1265	18.754±0.049	19.515±0.102	78250
51128.0595	18.914±0.052	19.573±0.076	78383
51137.0297	19.118±0.055	19.677±0.063	78486
51141.1228	19.134±0.074	19.616±0.095	78593
51147.1942	19.160±0.068	19.625±0.071	78705
51153.0567	19.211±0.287	19.460±0.275	78836
51159.1446	19.250±0.078	19.601±0.086	78981
51408.2726	16.152±0.019	17.095±0.024	90130
51415.2145	16.176±0.019	17.095±0.024	90757
51440.1456	16.460±0.030	17.359±0.035	92124
51469.1344	18.330±0.047	19.141±0.076	92892
51472.0890	18.646±0.062	19.433±0.116	92998
51473.2333	18.641±0.086	19.248±0.117	93111
51479.0781	18.819±0.085	19.311±0.100	93210
51480.2204	18.973±0.091	19.481±0.120	93309
51485.0542	19.047±0.072	19.598±0.085	93399
51489.9780	18.799±0.124	19.307±0.131	93518
51492.9940	18.737±0.101	19.458±0.141	93621
51495.1072	18.961±0.044	19.543±0.056	93730
51513.0550	19.053±0.064	19.605±0.081	94027
51514.1938	18.995±0.054	19.517±0.067	94123
51533.1215	18.800±0.053	19.427±0.084	94539
51543.0698	18.282±0.051	19.082±0.090	94666

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 6.6575.13

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48830.1591	15.434±0.015	16.344±0.016	429
48835.1427	15.424±0.015	16.329±0.017	557
48837.1305	15.399±0.015	16.286±0.016	720
48842.1401	15.464±0.016	16.376±0.019	748
48851.1584	15.534±0.016	16.428±0.021	886
48852.1808	15.516±0.016	16.362±0.019	901
48855.2519	15.552±0.015	16.441±0.017	990
48856.2151	15.577±0.017	16.441±0.018	1035
48857.3042	15.536±0.015	16.423±0.016	1092
48885.1534	15.057±0.015	15.876±0.016	1111
48886.1214	15.026±0.015	15.839±0.015	1145
48889.2398	14.998±0.015	15.802±0.015	1208
48893.2771	14.933±0.015	15.741±0.016	1231
48896.2710	14.939±0.015	15.741±0.015	1277
48897.2725	14.930±0.015	15.745±0.015	1290
48919.2382	14.833±0.015	15.643±0.015	1513
48920.0388	14.811±0.015	15.633±0.016	1528
48921.0265	14.809±0.015	15.622±0.015	1579
48927.9874	14.802±0.015	15.622±0.016	1607
48931.9821	14.822±0.015	15.654±0.016	1808
48932.1551	14.829±0.015	15.679±0.015	1844
48934.1205	14.828±0.015	15.683±0.016	1883
48939.0052	14.840±0.015	15.671±0.016	1964
48940.0219	14.819±0.015	15.668±0.015	2021
48942.0828	14.840±0.019	15.651±0.027	2066
48950.0189	14.821±0.015	15.624±0.015	2164
48965.1689	14.877±0.016	15.644±0.017	2187
48988.0183	14.657±0.015	15.429±0.015	2422
48988.2129	14.646±0.015	15.426±0.015	2455
48990.0258	14.651±0.015	15.427±0.016	2524
48997.2123	14.668±0.015	15.464±0.016	2605
48998.9756	14.646±0.015	15.437±0.015	2620
48999.1859	14.663±0.015	15.456±0.015	2662
49000.9904	14.618±0.015	15.406±0.016	2688
49001.1735	14.612±0.015	15.411±0.016	2723
49001.9784	14.615±0.015	15.406±0.015	2738
49002.9757	14.607±0.015	15.399±0.015	2800
49004.0723	14.590±0.015	15.372±0.015	2819
49004.1663	14.597±0.016	15.387±0.017	2834
49006.9853	14.571±0.015	15.362±0.015	2855
49007.1692	14.579±0.015	15.345±0.015	2890
49007.9943	14.560±0.015	15.328±0.016	2915
49008.1538	14.579±0.015	15.349±0.015	2939
49011.1509	14.571±0.018	15.378±0.023	2970
49011.1958	14.547±0.016	15.339±0.016	2975

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49012.0801	14.587±0.015	15.364±0.016	2986
49017.0123	14.621±0.015	15.419±0.015	3093
49019.0025	14.687±0.015	15.475±0.015	3150
49022.0083	14.716±0.015	15.517±0.015	3256
49024.9755	14.735±0.015	15.534±0.017	3318
49029.9795	14.742±0.015	15.534±0.015	3381
49036.1090	14.687±0.015	15.472±0.016	3499
49037.1826	14.695±0.015	15.451±0.016	3510
49041.0478	14.690±0.015	15.462±0.015	3602
49044.0745	14.675±0.015	15.438±0.015	3709
49045.9594	14.653±0.015	15.403±0.015	3807
49046.0711	14.657±0.015	15.404±0.015	3826
49049.9699	14.583±0.015	15.301±0.016	3969
49051.9497	14.538±0.015	15.251±0.016	4058
49054.0591	14.524±0.015	15.231±0.015	4071
49056.1884	14.466±0.015	15.150±0.017	4105
49062.1182	14.413±0.015	15.112±0.016	4233
49065.0406	14.428±0.015	15.140±0.015	4281
49065.1696	14.414±0.015	15.115±0.015	4305
49066.1645	14.403±0.015	15.118±0.015	4369
49067.9634	14.410±0.015	15.133±0.015	4431
49068.9914	14.442±0.015	15.156±0.015	4478
49069.9748	14.430±0.015	15.152±0.015	4533
49070.0865	14.430±0.015	15.154±0.015	4555
49074.9550	14.449±0.015	15.196±0.015	4604
49075.9615	14.466±0.015	15.209±0.016	4644
49076.9979	14.457±0.015	15.201±0.015	4697
49077.1120	14.455±0.015	15.189±0.016	4720
49077.9574	14.472±0.015	15.223±0.015	4768
49084.9728	14.511±0.015	15.274±0.016	5007
49085.9429	14.524±0.016	15.280±0.017	5020
49088.0674	14.548±0.015	15.309±0.015	5101
49088.9677	14.561±0.015	15.333±0.015	5116
49093.9066	14.617±0.015	15.396±0.015	5268
49094.9112	14.671±0.016	15.432±0.016	5295
49098.0400	14.664±0.015	15.434±0.015	5601
49098.9102	14.674±0.015	15.447±0.015	5671
49099.0201	14.669±0.015	15.436±0.015	5693
49099.8996	14.683±0.015	15.460±0.015	5710
49100.0062	14.691±0.015	15.463±0.015	5733
49100.8980	14.694±0.015	15.473±0.016	5816
49101.9123	14.705±0.015	15.484±0.015	5876
49103.9087	14.718±0.015	15.498±0.015	5903
49107.0857	14.763±0.015	15.531±0.016	6050
49108.0611	14.763±0.015	15.529±0.016	6095

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49108.9107	14.761±0.015	15.555±0.015	6132
49114.9012	14.773±0.015	15.545±0.016	6470
49116.0577	14.762±0.015	15.500±0.017	6547
49118.8858	14.749±0.015	15.495±0.015	6647
49123.8949	14.772±0.015	15.503±0.015	6932
49133.9606	15.135±0.015	15.866±0.016	7602
49133.9975	15.125±0.015	15.834±0.016	7606
49141.3045	15.604±0.016	16.310±0.018	7898
49142.3049	15.718±0.016	16.410±0.021	7959
49143.8859	15.929±0.016	16.645±0.019	8039
49144.2898	15.979±0.017	16.680±0.024	8080
49144.8799	16.084±0.016	16.841±0.018	8101
49145.3077	16.141±0.018	16.873±0.024	8182
49152.8748	17.333±0.021	18.133±0.034	8413
49153.2870	17.432±0.024	18.075±0.030	8500
49156.8854	17.861±0.162	18.683±0.355	8637
49162.9228	18.233±0.057	18.797±0.092	8832
49164.8789	18.665±0.047	19.323±0.086	9026
49170.3202	18.811±0.054	19.233±0.064	9331
49172.8733	19.172±0.120	19.520±0.162	9370
49179.2709	18.958±0.208	19.210±0.228	9524
49180.2311	19.036±0.108	19.335±0.116	9551
49180.8803	19.006±0.078	19.762±0.143	9565
49181.1991	19.144±0.114	19.202±0.083	9633
49182.1804	18.754±0.079	19.190±0.115	9727
49183.2849	18.844±0.064	19.215±0.077	9753
49186.8706	19.316±0.103	19.674±0.115	10000
49189.1673	18.768±0.065	19.411±0.123	10152
49190.1755	18.719±0.082	19.104±0.104	10241
49195.1895	18.784±0.067	19.264±0.108	10361
49196.1391	18.948±0.083	19.315±0.115	10437
49200.2054	19.061±0.077	19.494±0.123	10582
49204.1576	18.948±0.102	19.381±0.197	10718
49205.1565	18.921±0.105	19.140±0.145	10817
49210.1252	18.693±0.071	19.075±0.094	11011
49212.1742	19.316±0.084	19.835±0.117	11188
49216.1771	18.632±0.065	19.170±0.102	11312
49219.1015	19.195±0.082	19.510±0.075	11544
49223.0830	19.012±0.068	19.407±0.075	11775
49224.0859	18.572±0.068	19.040±0.122	11878
49225.0720	18.956±0.082	19.469±0.128	11942
49226.2911	18.943±0.112	19.275±0.127	11996
49253.0161	19.307±0.073	19.674±0.095	12121
49256.0324	19.163±0.095	19.440±0.120	12241
49261.0308	19.577±0.165	19.559±0.159	12510

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49268.1074	19.301±0.104	19.556±0.084	12649
49269.0506	19.479±0.113	19.620±0.078	12696
49275.0145	19.699±0.136	19.734±0.094	12918
49280.2602	19.360±0.127	19.651±0.120	12980
49281.1789	18.920±0.079	19.218±0.090	12993
49286.9688	19.586±0.144	19.554±0.117	13168
49290.0494	19.701±0.186	19.679±0.139	13266
49291.9817	19.236±0.107	19.715±0.189	13332
49303.9394	19.642±0.167	19.575±0.115	13436
49312.0288	19.457±0.123	19.623±0.103	13576
49312.2379	19.202±0.151	19.428±0.106	13614
49375.1503	19.544±0.122	19.844±0.127	13963
49378.9656	20.007±0.325	20.090±0.358	14137
49381.0818	19.380±0.121	19.683±0.159	14214
49382.0533	19.727±0.171	19.790±0.182	14258
49385.2013	19.537±0.167	19.666±0.135	14315
49389.1119	19.568±0.114	19.960±0.129	14408
49393.2487	18.943±0.076	19.355±0.098	14491
49397.1025	19.053±0.137	19.387±0.155	14506
49399.9611	19.165±0.096	19.264±0.078	14572
49400.9965	19.003±0.113	19.724±0.211	14638
49401.1969	19.169±0.108	19.469±0.116	14639
49407.1556	19.340±0.099	19.537±0.117	14741
49412.8276	19.579±0.095	20.061±0.154	14894
49414.2469	19.134±0.112	19.633±0.210	14959
49414.9859	19.718±0.271	20.062±0.354	14979
49424.9459	19.333±0.112	19.570±0.089	15163
49428.9437	19.544±0.133	19.548±0.078	15381
49432.9378	19.374±0.083	19.667±0.098	15482
49434.1658	19.428±0.305	19.972±0.627	15530
49435.0510	19.673±0.118	20.030±0.140	15574
49436.1586	19.355±0.179	19.506±0.225	15611
49437.0041	19.657±0.125	20.017±0.197	15648
49448.9796	18.980±0.219	19.564±0.300	16026
49453.0358	19.430±0.130	19.486±0.087	16333
49457.1170	19.215±0.087	19.600±0.119	16415
49460.9642	19.950±0.161	19.982±0.088	16575
49468.0119	19.542±0.425	19.735±0.497	16991
49470.0678	19.143±0.195	19.439±0.244	17113
49473.0209	19.431±0.114	19.605±0.105	17217
49479.9060	19.989±0.170	20.671±0.271	17526
49479.9388	20.019±0.394	20.370±0.411	17531
49479.9624	19.646±0.133	20.227±0.197	17533
49483.9927	19.642±0.138	19.742±0.089	17645
49485.9529	19.811±0.138	20.159±0.150	17815

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49488.9640	19.565±0.142	19.720±0.107	18064
49492.9720	18.974±0.096	19.414±0.166	18231
49495.3277	19.366±0.198	19.395±0.133	18353
49496.9294	19.086±0.172	19.470±0.250	18370
49497.3290	18.757±0.138	19.286±0.221	18443
49498.9565	19.266±0.333	19.450±0.341	18468
49511.9475	19.078±0.101	19.507±0.133	18847
49512.9206	19.054±0.088	19.313±0.098	18932
49513.9270	19.169±0.095	19.503±0.111	19029
49514.3253	19.723±0.140	19.722±0.079	19098
49519.9562	19.205±0.104	19.522±0.145	19374
49526.3021	19.395±0.177	19.362±0.138	19563
49526.8926	19.351±0.194	19.931±0.385	19579
49530.9354	19.320±0.147	19.494±0.142	19648
49531.3336	18.970±0.091	19.467±0.151	19722
49532.2543	19.444±0.155	19.439±0.130	19749
49533.9125	19.929±0.211	20.181±0.255	19842
49539.2442	18.812±0.090	19.096±0.102	20226
49541.2294	19.063±0.078	19.330±0.083	20397
49545.8920	19.151±0.144	19.421±0.199	20609
49553.1638	19.696±0.138	19.889±0.165	21102
49554.1342	18.932±0.169	19.233±0.248	21156
49556.3339	19.258±0.134	19.364±0.129	21316
49557.1947	19.456±0.210	19.494±0.227	21381
49557.3353	19.186±0.109	19.611±0.174	21409
49558.2682	18.969±0.105	19.431±0.199	21457
49559.2951	18.999±0.132	19.107±0.150	21548
49560.1774	19.370±0.229	19.626±0.285	21596
49562.3178	18.963±0.114	19.126±0.121	21771
49567.1493	19.004±0.098	19.197±0.103	21905
49569.2304	19.401±0.138	19.443±0.097	22084
49572.1558	19.513±0.139	19.495±0.090	22250
49574.1533	18.958±0.079	19.277±0.096	22415
49578.3258	19.198±0.125	19.472±0.140	22652
49579.3248	19.392±0.104	19.728±0.107	22736
49586.1513	19.401±0.227	19.193±0.184	23048
49592.1428	19.877±0.143	20.265±0.188	23441
49593.1104	19.532±0.148	19.772±0.155	23511
49596.1513	19.561±0.122	19.527±0.080	23629
49598.3131	19.831±0.152	20.086±0.147	23777
49599.1721	19.374±0.124	19.472±0.097	23822
49600.1903	18.818±0.909	18.684±0.601	23888
49602.2514	18.942±0.080	19.345±0.117	23912
49609.2997	19.123±0.105	19.319±0.118	24319
49610.1699	18.981±0.081	19.333±0.108	24348

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49619.1059	19.083±0.128	19.246±0.143	24852
49622.2683	19.299±0.207	19.513±0.219	25033
49624.1369	19.229±0.078	19.592±0.107	25090
49626.1188	19.777±0.136	19.991±0.116	25182
49628.1326	19.799±0.134	19.812±0.084	25236
49630.1791	19.173±0.082	19.480±0.096	25318
49634.0474	19.400±0.078	19.698±0.093	25442
49636.1080	19.202±0.081	19.447±0.093	25556
49637.0782	19.072±0.121	19.279±0.129	25622
49638.1591	19.314±0.246	19.751±0.371	25654
49643.0268	19.555±0.134	19.855±0.197	25883
49646.1009	19.468±0.141	19.672±0.163	25928
49648.2325	19.508±0.105	19.771±0.125	25984
49649.0178	19.705±0.170	19.853±0.146	26005
49650.0150	19.842±0.155	19.764±0.088	26068
49661.1622	19.327±0.110	19.668±0.109	26245
49671.2356	19.025±0.096	19.442±0.106	26471
49672.9800	19.711±0.194	20.170±0.271	26488
49674.0880	19.630±0.142	19.917±0.176	26517
49675.2155	19.453±0.170	19.841±0.165	26556
49677.0331	19.216±0.205	19.402±0.114	26576
49688.0734	19.323±0.087	19.481±0.065	26683
49689.0377	19.324±0.094	19.678±0.101	26714
49696.0765	19.219±0.094	19.453±0.081	26985
49704.1378	19.416±0.130	19.895±0.190	27318
49705.0419	19.159±0.131	19.413±0.146	27350
49742.1207	19.589±0.116	19.878±0.112	27875
49746.1656	19.361±0.070	19.950±0.115	27961
49749.1374	19.216±0.070	19.592±0.078	28116
49755.0445	19.104±0.078	19.569±0.105	28317
49761.2604	19.435±0.143	19.458±0.092	28477
49763.0835	19.573±0.106	19.866±0.138	28508
49765.2190	19.657±0.168	19.656±0.159	28563
49785.0195	19.582±0.117	19.935±0.121	28682
49787.1999	19.139±0.098	19.496±0.140	28734
49790.9988	19.600±0.140	19.621±0.101	28968
49801.0760	19.481±0.103	19.904±0.127	29372
49804.9912	19.603±0.086	20.022±0.127	29523
49808.1631	19.441±0.137	19.506±0.105	29704
49827.0123	19.312±0.130	19.834±0.191	30327
49843.0160	19.054±0.101	19.351±0.108	30768
49856.9881	19.261±0.126	19.578±0.126	31095
49858.9759	19.458±0.079	20.099±0.159	31136
49862.9415	18.897±0.097	19.230±0.109	31248
49887.8910	19.770±0.144	19.937±0.117	31926

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49889.8770	19.411±0.136	19.643±0.120	32098
49906.3306	19.730±0.141	19.975±0.140	32855
49908.3229	18.980±0.062	19.335±0.074	32954
49918.2957	19.490±0.124	19.507±0.090	33161
49922.2379	19.602±0.124	19.597±0.078	33323
49937.2542	19.733±0.139	19.939±0.131	34187
49939.1401	18.954±0.143	19.273±0.236	34377
49940.1675	19.818±0.176	19.979±0.233	34498
49941.3053	19.483±0.107	20.159±0.283	34602
49942.1484	19.004±0.105	19.330±0.186	34676
49944.2140	20.020±0.182	20.186±0.204	34916
49945.2372	19.122±0.090	19.392±0.121	35014
49947.3056	18.991±0.096	19.291±0.109	35140
49950.1125	19.433±0.127	19.430±0.082	35381
49954.1305	19.700±0.150	19.609±0.090	35622
49962.0960	19.899±0.182	19.757±0.090	36022
49964.2778	18.985±0.120	19.243±0.136	36107
49967.1942	19.593±0.099	19.736±0.113	36220
49968.1853	20.738±0.354	21.294±0.721	36281
49971.0520	19.119±0.105	19.487±0.190	36370
49973.0656	20.434±0.284	20.627±0.327	36479
49981.0932	19.002±0.088	19.371±0.109	36689
49983.0280	19.560±0.088	19.905±0.101	36789
49987.1024	19.473±0.075	19.946±0.132	36865
49988.0387	19.395±0.084	19.599±0.090	36934
49995.2740	19.699±0.135	19.787±0.105	37123
49997.1018	20.069±0.155	20.292±0.213	37180
49998.1585	18.994±0.128	19.155±0.168	37257
49999.1821	19.498±0.113	19.822±0.176	37334
50008.1652	19.333±0.116	19.408±0.083	37608
50014.0503	19.387±0.105	19.514±0.074	37665
50020.2099	19.298±0.146	19.842±0.234	37772
50023.1849	19.450±0.130	19.668±0.140	37868
50030.0280	18.823±0.107	19.134±0.135	37918
50046.0889	19.706±0.117	19.965±0.114	38143
50047.0741	19.278±0.131	19.597±0.152	38203
50049.1677	20.084±0.150	20.392±0.154	38308
50059.0655	19.361±0.122	19.685±0.140	38412
50062.0641	19.077±0.082	19.506±0.121	38455
50064.0345	19.022±0.067	19.387±0.084	38524
50073.0664	19.118±0.070	19.416±0.072	38692
50075.0385	19.514±0.125	19.829±0.122	38750
50087.2253	19.591±0.141	19.918±0.127	38858
50124.0324	19.507±0.104	19.707±0.074	39395
50125.0723	19.359±0.114	19.529±0.088	39458

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50132.9982	19.750±0.108	20.139±0.117	39861
50134.9650	19.731±0.287	19.929±0.248	39917
50136.0468	19.794±0.158	20.109±0.159	39956
50146.0159	19.496±0.111	19.749±0.148	40134
50154.2180	19.151±0.112	19.504±0.164	40235
50156.0624	19.886±0.140	20.133±0.116	40347
50158.0211	19.982±0.251	20.239±0.220	40383
50164.1900	19.290±0.138	19.317±0.103	40644
50173.0410	19.083±0.085	19.551±0.141	40917
50178.9692	19.685±0.175	19.851±0.160	41271
50181.9991	19.379±0.091	19.872±0.121	41343
50188.9485	19.860±0.204	20.247±0.225	41549
50194.0316	19.420±0.105	19.716±0.107	41709
50196.9934	19.044±0.077	19.427±0.091	41759
50198.0414	19.136±0.091	19.442±0.096	41820
50199.9542	19.224±0.095	19.564±0.096	42012
50206.9322	19.230±0.177	19.952±0.380	42373
50212.9164	19.265±0.093	19.754±0.120	42454
50214.9408	19.157±0.292	19.305±0.230	42616
50220.9777	19.860±0.165	20.737±0.362	43102
50223.9748	19.377±0.095	19.832±0.134	43189
50227.8860	19.581±0.105	20.146±0.144	43497
50236.8983	18.933±0.110	19.337±0.164	44365
50238.9724	18.941±0.102	19.686±0.274	44377
50241.9473	18.873±0.096	19.408±0.149	44572
50243.8854	19.324±0.086	19.809±0.106	44730
50254.8807	19.362±0.107	19.799±0.140	45311
50264.2900	18.969±0.083	19.373±0.105	45757
50272.2676	19.456±0.118	19.587±0.097	46056
50279.2145	18.969±0.086	19.350±0.112	46446
50289.2957	19.450±0.102	19.813±0.108	46501
50294.2641	18.796±0.095	19.208±0.156	46549
50298.3184	18.878±0.069	19.212±0.103	46661
50302.3240	19.216±0.075	19.520±0.080	46789
50304.3283	18.990±0.084	19.316±0.100	46946
50305.2232	19.218±0.059	19.535±0.062	47043
50307.3072	19.541±0.110	19.590±0.067	47263
50308.1582	19.421±0.096	19.750±0.111	47347
50311.2794	19.402±0.114	19.510±0.077	47552
50319.2453	19.248±0.099	19.467±0.077	47987
50328.2598	19.375±0.128	19.448±0.095	48285
50334.2074	19.785±0.134	20.122±0.154	48420
50336.1916	19.467±0.114	19.534±0.060	48478
50342.1938	19.338±0.089	19.575±0.076	48576
50351.1228	18.951±0.086	19.216±0.123	48968

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50353.0820	18.717±0.100	19.325±0.265	49017
50354.0176	18.904±0.094	19.355±0.179	49085
50365.2697	18.790±0.100	19.204±0.134	49296
50369.0505	19.316±0.107	19.789±0.129	49388
50377.0364	19.353±0.095	19.698±0.096	49732
50381.0368	19.286±0.222	19.684±0.324	49925
50385.1122	18.872±0.080	19.623±0.141	49966
50386.1605	18.820±0.088	19.266±0.118	50032
50390.0089	19.026±0.064	19.437±0.078	50108
50398.1511	19.383±0.098	19.684±0.078	50314
50402.1489	19.710±0.113	20.176±0.131	50448
50410.0202	19.372±0.119	19.503±0.105	50645
50411.0968	19.195±0.089	19.719±0.150	50705
50417.2060	19.117±0.083	19.700±0.129	50878
50420.0168	19.439±0.089	19.833±0.102	50960
50425.0214	19.081±0.187	19.639±0.310	51107
50426.2144	19.630±0.110	20.085±0.112	51162
50429.1366	19.499±0.097	20.022±0.114	51251
50439.0856	19.095±0.087	19.403±0.088	51631
50440.2219	18.703±0.065	19.265±0.088	51683
50451.1826	19.590±0.079	20.358±0.155	51938
50454.0969	19.132±0.080	19.640±0.110	52077
50456.1762	19.498±0.099	19.973±0.100	52134
50463.0263	19.251±0.109	19.830±0.158	52325
50464.2133	19.214±0.077	19.856±0.117	52386
50468.0475	19.328±0.088	19.828±0.102	52427
50471.1354	19.444±0.131	19.725±0.117	52599
50495.1809	19.264±0.079	19.862±0.106	53087
50503.2250	18.688±0.087	19.286±0.212	53380
50510.2324	19.157±0.117	19.357±0.109	53509
50520.0389	18.713±0.060	19.159±0.072	53729
50534.1639	19.315±0.120	19.760±0.186	54463
50543.0003	18.395±0.048	19.030±0.073	54887
50557.9703	18.339±0.047	19.049±0.111	55873
50565.9750	18.504±0.034	19.620±0.092	56154
50570.0138	18.319±0.037	19.314±0.101	56539
50577.8949	18.184±0.034	19.141±0.075	56970
50593.8870	18.146±0.036	19.135±0.093	57474
50600.9037	18.719±0.044	19.738±0.106	57955
50606.3150	18.463±0.047	19.022±0.064	58393
50610.8928	18.557±0.081	19.166±0.142	58750
50619.9093	19.318±0.207	19.365±0.193	59470
50640.2319	19.224±0.068	19.747±0.116	60540
50649.2237	19.218±0.113	19.613±0.172	61103
50670.1736	19.858±0.146	19.829±0.078	62565

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50681.3174	19.351±0.095	19.526±0.121	63437
50719.1170	19.419±0.110	19.550±0.087	64677
50733.1527	19.517±0.078	20.246±0.205	65428
50734.1905	19.779±0.162	19.740±0.103	65506
50738.2646	18.667±0.130	19.020±0.214	65805
50742.0773	19.319±0.080	19.652±0.103	65957
50804.0961	19.156±0.057	19.699±0.103	67348
50815.2039	19.958±0.261	20.851±0.572	67706
50853.0573	19.381±0.106	19.852±0.150	68500
50871.1769	19.361±0.112	19.439±0.083	69245
50876.0481	19.430±0.089	19.819±0.102	69383
50973.8694	19.830±0.156	20.130±0.182	72642
51181.0823	20.001±0.161	20.486±0.255	79355
51183.0937	19.869±0.164	20.039±0.144	79469
51196.2501	20.609±0.320	21.258±0.551	79801
51227.0528	19.356±0.224	19.779±0.251	80133
51232.1349	19.850±0.120	20.315±0.149	80342
51252.0444	19.863±0.337	19.907±0.227	81005
51286.0031	19.355±0.093	19.778±0.114	82150
51304.9664	19.422±0.116	19.991±0.157	83736
51330.9446	19.104±0.061	19.943±0.134	85371
51383.2532	17.728±0.023	18.669±0.037	88274
51402.2152	17.657±0.022	18.741±0.057	89693
51406.3271	17.637±0.030	18.627±0.070	89975
51409.3036	17.457±0.021	18.409±0.043	90241
51412.3167	17.567±0.027	18.521±0.047	90486
51425.1526	17.591±0.021	18.706±0.051	91350
51436.2737	17.661±0.022	18.734±0.046	92031
51444.2202	17.774±0.030	18.684±0.068	92359
51451.1407	18.112±0.026	19.189±0.071	92532
51463.0392	18.232±0.041	18.823±0.068	92677
51464.2155	18.740±0.065	19.488±0.121	92788
51473.2112	18.820±0.069	19.246±0.086	93106
51480.2101	19.258±0.089	19.726±0.121	93307
51485.0100	19.214±0.077	19.724±0.109	93389
51489.1817	19.429±0.082	19.985±0.103	93493
51492.2165	18.771±0.063	19.152±0.066	93601
51502.1835	18.973±0.074	19.451±0.104	93831
51657.0598	19.555±0.094	19.863±0.122	97481
51658.0423	19.191±0.086	19.600±0.131	97513
51658.0503	19.328±0.082	19.957±0.186	97514
51660.0424	19.123±0.069	19.523±0.097	97598
51664.0022	19.836±0.170	20.019±0.145	97790

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 6.6696.60

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49084.9728	16.608±0.019	17.525±0.035	5007
49085.9429	16.571±0.030	17.399±0.055	5020
49088.0674	16.552±0.018	17.459±0.028	5101
49088.9677	16.521±0.017	17.432±0.020	5116
49089.9717	16.532±0.017	17.440±0.019	5171
49093.9066	16.431±0.016	17.324±0.019	5268
49098.0400	16.414±0.016	17.282±0.019	5601
49098.9102	16.409±0.016	17.281±0.017	5671
49099.0201	16.411±0.017	17.281±0.021	5693
49099.8996	16.403±0.017	17.266±0.020	5710
49100.0062	16.395±0.017	17.257±0.019	5733
49100.8980	16.399±0.018	17.240±0.023	5816
49101.9123	16.379±0.016	17.231±0.017	5876
49103.9087	16.400±0.016	17.245±0.018	5903
49106.9891	16.374±0.017	17.204±0.021	6030
49107.0857	16.379±0.018	17.224±0.028	6050
49107.9259	16.393±0.016	17.247±0.021	6069
49108.9107	16.395±0.016	17.258±0.019	6132
49112.9173	16.368±0.016	17.199±0.021	6383
49114.9012	16.372±0.017	17.203±0.022	6470
49114.9278	16.402±0.018	17.226±0.026	6476
49117.9136	16.378±0.017	17.213±0.021	6558
49118.8858	16.379±0.017	17.207±0.020	6647
49120.8923	16.401±0.016	17.212±0.019	6708
49123.8949	16.404±0.018	17.249±0.023	6932
49124.8917	16.411±0.017	17.262±0.021	7033
49125.8874	16.400±0.016	17.254±0.018	7137
49127.8962	16.378±0.016	17.232±0.018	7360
49133.9606	16.363±0.017	17.225±0.021	7602
49133.9975	16.336±0.017	17.205±0.023	7606
49134.8945	16.296±0.016	17.158±0.018	7664
49135.8758	16.316±0.016	17.168±0.018	7762
49135.8802	16.303±0.016	17.171±0.018	7763
49141.3045	16.259±0.019	17.116±0.031	7898
49142.3049	16.248±0.019	17.113±0.034	7959
49143.8858	16.228±0.018	17.075±0.024	8039
49144.2898	16.242±0.019	17.049±0.032	8080
49144.8799	16.247±0.016	17.118±0.018	8101
49145.3077	16.258±0.019	17.178±0.033	8182
49146.8752	16.250±0.019	17.116±0.030	8255
49152.8748	16.289±0.017	17.178±0.022	8413
49153.2870	16.288±0.017	17.175±0.022	8500
49153.8879	16.269±0.016	17.143±0.018	8521
49156.8854	16.264±0.041	17.095±0.078	8637
49156.9003	16.291±0.024	17.184±0.041	8639

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49162.9228	16.069±0.019	16.889±0.028	8832
49163.8783	16.031±0.016	16.834±0.018	8925
49164.8788	16.005±0.016	16.804±0.019	9026
49170.3202	15.992±0.016	16.766±0.019	9331
49172.8733	15.970±0.017	16.749±0.022	9370
49179.2709	15.977±0.021	16.786±0.035	9524
49180.2311	15.992±0.017	16.794±0.024	9551
49181.1990	15.988±0.017	16.804±0.022	9633
49182.1804	16.016±0.018	16.845±0.026	9727
49183.2849	16.001±0.017	16.823±0.021	9753
49186.8705	15.979±0.017	16.796±0.021	10000
49189.1673	15.957±0.017	16.760±0.023	10152
49190.1755	15.973±0.018	16.752±0.027	10241
49195.1895	15.977±0.018	16.747±0.023	10361
49196.1391	15.987±0.017	16.759±0.022	10437
49200.2054	15.992±0.016	16.801±0.021	10582
49204.1576	15.973±0.017	16.754±0.027	10718
49205.1565	15.984±0.018	16.785±0.028	10817
49210.1252	15.990±0.018	16.751±0.024	11011
49212.1742	15.960±0.016	16.724±0.018	11188
49216.1771	15.886±0.018	16.630±0.023	11312
49218.1109	15.863±0.016	16.606±0.017	11475
49219.1015	15.848±0.016	16.607±0.017	11544
49223.0829	15.826±0.016	16.579±0.018	11775
49224.0858	15.826±0.017	16.573±0.024	11878
49225.0720	15.808±0.016	16.563±0.019	11942
49226.2911	15.807±0.017	16.584±0.021	11996
49253.0161	15.889±0.016	16.669±0.018	12121
49255.1260	15.908±0.016	16.695±0.017	12187
49256.0324	15.910±0.016	16.684±0.021	12241
49257.0567	15.880±0.016	16.669±0.018	12323
49257.0700	15.873±0.015	16.653±0.016	12326
49258.0777	15.884±0.015	16.672±0.017	12398
49259.2303	15.893±0.016	16.670±0.017	12466
49261.0308	15.882±0.016	16.659±0.021	12510
49266.0063	15.898±0.016	16.675±0.018	12575
49267.0756	15.903±0.016	16.687±0.017	12613
49268.1074	15.947±0.017	16.735±0.020	12649
49268.1309	15.930±0.016	16.704±0.019	12653
49269.0506	15.959±0.016	16.726±0.018	12696
49273.0903	15.991±0.016	16.771±0.017	12845
49273.9906	15.999±0.016	16.762±0.017	12867
49275.0145	15.982±0.016	16.739±0.018	12918
49277.2504	15.978±0.015	16.741±0.016	12936
49278.1300	15.959±0.016	16.726±0.017	12949

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49280.2602	15.943±0.017	16.680±0.020	12980
49281.1789	15.921±0.018	16.671±0.024	12993
49283.0282	15.902±0.016	16.656±0.017	13020
49283.9558	15.892±0.016	16.646±0.017	13065
49286.9688	15.895±0.016	16.634±0.020	13168
49290.0494	15.884±0.016	16.651±0.020	13266
49291.9817	15.851±0.016	16.618±0.021	13332
49303.0874	15.773±0.016	16.512±0.017	13403
49303.9394	15.805±0.016	16.545±0.019	13436
49308.0164	15.954±0.016	16.705±0.017	13454
49309.9793	16.050±0.015	16.807±0.016	13512
49312.0288	16.207±0.018	16.999±0.024	13576
49312.2379	16.249±0.020	17.006±0.025	13614
49313.0403	16.295±0.016	17.069±0.019	13631
49313.2327	16.304±0.016	17.076±0.018	13669
49372.9811	21.225±0.236	21.959±0.486	13910
49375.9904	21.032±0.324	21.593±0.508	13981
49398.9578	19.111±0.030	20.201±0.069	14516
49399.9612	18.959±0.102	19.922±0.289	14572
49400.9814	18.126±0.560	18.366±0.494	14636
49400.9965	18.966±0.127	20.184±0.443	14638
49401.1969	18.864±0.105	20.142±0.388	14639
49405.1628	18.303±0.025	19.356±0.055	14657
49406.0962	18.186±0.024	19.239±0.065	14693
49407.1556	18.072±0.033	19.119±0.114	14741
49410.0807	17.715±0.024	18.671±0.068	14817
49412.8276	17.496±0.024	18.435±0.048	14894
49413.9577	17.432±0.021	18.339±0.032	14938
49414.2469	17.425±0.031	18.387±0.092	14959
49414.9859	17.312±0.032	18.230±0.079	14979
49415.9545	17.260±0.016	18.206±0.021	14999
49416.9471	17.167±0.019	18.090±0.029	15056
49417.9531	17.082±0.019	17.976±0.031	15095
49424.9459	16.476±0.019	17.270±0.026	15163
49426.0920	16.423±0.016	17.187±0.018	15247
49426.9510	16.360±0.016	17.116±0.018	15302
49428.9437	16.296±0.017	17.059±0.022	15381
49430.0574	16.253±0.021	17.003±0.028	15464
49432.9379	16.210±0.016	16.973±0.019	15482
49434.1658	16.223±0.024	17.007±0.047	15530
49435.0510	16.232±0.016	16.984±0.019	15574
49436.1586	16.247±0.020	17.049±0.036	15611
49437.0041	16.292±0.017	17.081±0.023	15648
49439.0464	16.363±0.017	17.174±0.024	15732
49447.0238	17.120±0.020	17.947±0.024	15913

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49448.0922	17.227±0.036	18.191±0.094	15972
49448.1142	17.254±0.018	18.125±0.030	15976
49448.9796	17.440±0.061	18.322±0.122	16026
49450.0291	17.632±0.038	18.552±0.091	16114
49450.9909	17.891±0.024	18.815±0.044	16189
49451.9962	18.247±0.032	19.200±0.071	16263
49453.0358	18.615±0.073	19.292±0.126	16333
50141.9916	21.575±0.427	22.186±0.662	40069
50156.0625	21.272±0.418	22.069±0.805	40347
50158.0211	20.999±0.706	21.292±0.611	40383
50164.1900	20.326±0.478	20.415±0.433	40644
50181.9991	20.076±0.165	21.401±0.688	41343
50188.9485	19.631±0.132	21.173±0.715	41549
50192.9273	19.558±0.070	20.788±0.200	41627
50194.0316	19.560±0.148	20.881±0.549	41709
50196.9935	19.484±0.133	21.123±0.781	41759
50199.9542	19.265±0.104	20.518±0.371	42012
50201.9636	19.268±0.060	20.558±0.264	42246
50206.9322	19.107±0.168	20.068±0.459	42373
50212.9164	18.906±0.078	20.244±0.303	42454
50218.0444	18.977±0.057	20.265±0.259	42829
50218.8825	18.732±0.029	19.835±0.076	42895
50219.9192	18.761±0.035	19.893±0.102	42983
50220.9777	18.876±0.068	20.208±0.265	43102
50223.9748	18.712±0.065	19.855±0.214	43189
50224.9182	18.563±0.029	19.672±0.075	43286
50227.8860	18.669±0.043	19.973±0.159	43497
50228.9850	18.602±0.027	19.757±0.097	43639
50232.8847	18.557±0.029	19.746±0.098	44025
50234.8956	18.661±0.052	20.275±0.366	44253
50236.8983	18.673±0.092	19.845±0.357	44365
50238.9724	18.577±0.105	19.742±0.398	44377
50241.9473	18.703±0.109	20.021±0.450	44572
50243.8854	18.695±0.063	20.081±0.231	44730
50245.8776	18.586±0.047	19.790±0.147	44931
50247.8911	18.683±0.041	19.873±0.120	45145
50254.8807	18.541±0.053	19.858±0.220	45311
50255.8749	18.482±0.031	19.672±0.101	45432
50264.2900	18.424±0.060	19.563±0.194	45757
50267.8860	18.257±0.023	19.381±0.062	45861
50272.2676	18.222±0.042	19.361±0.142	46056
50277.2697	18.348±0.028	19.375±0.069	46288
50279.2145	18.399±0.073	19.507±0.238	46446
50289.2957	18.977±0.079	20.104±0.233	46501
50294.2640	19.698±0.301	20.041±0.407	46549

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50304.3283	20.839±0.791	20.743±0.480	46946
50421.0631	22.682±0.759	22.981±0.790	51027
50452.1156	22.756±0.822	23.052±0.726	51982
50453.0746	22.842±0.925	23.069±0.824	52015
50498.0729	21.188±0.288	22.324±0.946	53227
50539.9866	19.964±0.060	21.366±0.229	54727
50553.0735	18.962±0.059	20.528±0.391	55646
50557.9703	18.641±0.085	19.633±0.239	55873
50565.9750	18.245±0.026	19.424±0.068	56154
50570.0138	18.138±0.037	19.205±0.101	56539
50577.8949	17.961±0.037	19.083±0.102	56970
50593.8870	17.624±0.039	18.720±0.104	57474
50600.9037	17.360±0.019	18.393±0.032	57955
50606.3150	17.167±0.024	18.182±0.051	58393
50610.8928	17.060±0.028	18.046±0.066	58750
50619.9093	16.953±0.027	17.991±0.079	59470
50640.2319	16.761±0.018	17.682±0.028	60540
50643.1834	16.719±0.017	17.675±0.027	60708
50649.2237	16.573±0.019	17.498±0.035	61103
50653.2379	16.495±0.016	17.384±0.023	61507
50658.1646	16.458±0.016	17.349±0.020	61728
50660.2834	16.410±0.016	17.308±0.019	61955
50670.1736	16.254±0.016	17.141±0.019	62565
50680.1278	16.163±0.016	17.004±0.023	63285
50681.3174	16.169±0.016	17.031±0.024	63437
50689.1018	16.079±0.016	16.921±0.017	63925
50704.1751	15.947±0.016	16.813±0.019	64272
50708.2469	15.883±0.016	16.710±0.017	64415
50717.0864	15.794±0.015	16.601±0.016	64563
50719.1170	15.804±0.016	16.607±0.018	64677
50720.2479	15.801±0.016	16.617±0.017	64771
50722.1483	15.811±0.015	16.630±0.016	64915
50726.2006	15.823±0.017	16.662±0.021	65174
50733.1527	15.833±0.016	16.662±0.018	65428
50734.1905	15.845±0.016	16.682±0.019	65506
50737.1800	15.839±0.018	16.684±0.028	65716
50738.2646	15.875±0.019	16.695±0.035	65805
50742.0773	15.923±0.016	16.777±0.020	65957
50744.1835	15.946±0.015	16.803±0.016	66076
50785.1581	15.787±0.015	16.618±0.016	66984
50794.1622	16.015±0.015	16.916±0.017	67101
50798.0333	16.070±0.016	16.952±0.019	67197
50804.0961	16.061±0.016	16.957±0.021	67348
50806.1376	16.056±0.015	16.934±0.016	67464
50812.1991	15.921±0.016	16.769±0.016	67586

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50815.2039	15.823±0.017	16.662±0.021	67706
50826.2223	15.421±0.015	16.175±0.016	67816
50833.0797	15.343±0.015	16.063±0.016	67910
50841.0097	15.322±0.015	16.059±0.016	68136
50843.1716	15.350±0.015	16.096±0.016	68267
50846.1397	15.368±0.015	16.105±0.016	68370
50853.0573	15.469±0.016	16.245±0.017	68500
50866.9769	15.458±0.015	16.253±0.016	68954
50869.1338	15.457±0.015	16.257±0.016	69094
50871.1769	15.438±0.016	16.221±0.018	69245
50876.0481	15.346±0.016	16.096±0.016	69383
50880.9807	15.274±0.015	15.990±0.016	69513
50882.9874	15.250±0.015	15.969±0.016	69670
50885.1742	15.233±0.016	15.957±0.019	69845
50908.9955	15.133±0.015	15.838±0.016	70091
50922.0426	15.205±0.015	15.939±0.016	70741
50941.8531	15.107±0.016	15.837±0.017	71113
50973.8694	14.899±0.015	15.590±0.016	72642
50981.8838	15.009±0.015	15.736±0.016	73071
51171.1817	14.586±0.015	15.178±0.015	79121
51176.2027	14.503±0.015	15.101±0.015	79246
51181.0823	14.470±0.015	15.078±0.015	79355
51183.0937	14.459±0.015	15.079±0.015	79469
51185.1923	14.475±0.015	15.102±0.015	79570
51194.1249	14.535±0.015	15.171±0.015	79703
51196.2501	14.542±0.015	15.171±0.015	79801
51208.2185	14.640±0.015	15.273±0.016	79904
51224.0844	14.527±0.015	15.144±0.015	80038
51227.0528	14.490±0.016	15.116±0.016	80133
51232.1349	14.397±0.015	14.998±0.015	80342
51232.1794	14.397±0.015	14.998±0.015	80352
51250.0954	14.280±0.015	14.892±0.015	80831
51252.0445	14.322±0.015	14.928±0.016	81005
51262.9032	14.821±0.015	15.443±0.015	81266
51279.9794	17.308±0.017	17.964±0.019	81732
51286.0032	21.344±0.874	21.586±0.750	82150
51287.0093	20.537±0.240	20.948±0.280	82229
51292.9150	20.573±0.149	22.044±0.820	82822
51299.9345	20.548±0.227	21.261±0.474	83201
51301.9850	20.499±0.199	21.274±0.416	83397
51304.9664	20.449±0.311	21.150±0.540	83736
51307.9566	21.070±0.292	22.036±0.636	83955
51315.9050	20.966±0.268	21.772±0.465	84528
51330.9446	21.383±0.545	21.372±0.426	85371
51383.2532	18.852±0.053	19.837±0.131	88274

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51394.2609	18.943±0.051	19.906±0.128	89174
51402.2152	18.986±0.065	20.170±0.221	89693
51406.3271	18.981±0.085	20.114±0.291	89975
51409.3035	18.756±0.083	19.702±0.204	90241
51412.3167	18.665±0.059	19.678±0.161	90486
51415.2057	18.454±0.032	19.312±0.077	90755
51422.1411	18.156±0.027	19.082±0.061	91168
51425.1526	17.919±0.024	18.824±0.047	91350
51436.2737	17.656±0.023	18.526±0.039	92031
51441.1215	17.645±0.020	18.529±0.036	92199
51444.2202	17.723±0.029	18.592±0.068	92359
51451.1407	17.843±0.022	18.708±0.040	92532
51463.0392	18.102±0.051	19.062±0.130	92677
51464.2155	18.023±0.036	19.035±0.092	92788
51469.1789	18.122±0.025	19.072±0.051	92902
51472.0758	18.126±0.025	19.068±0.065	92995
51473.2112	18.076±0.041	19.049±0.106	93106
51479.0643	17.690±0.023	18.551±0.042	93207
51480.2101	17.605±0.026	18.501±0.050	93307
51485.0100	17.386±0.023	18.258±0.043	93389
51489.1817	17.093±0.018	17.899±0.023	93493
51492.2165	16.961±0.023	17.794±0.039	93601
51495.0434	16.849±0.016	17.678±0.018	93716
51513.0462	16.170±0.016	16.989±0.017	94025
51514.1850	16.109±0.016	16.928±0.017	94121
51527.1862	15.759±0.017	16.541±0.020	94438
51542.1986	15.252±0.016	15.913±0.016	94653
51547.1321	15.345±0.033	16.043±0.055	94751
51655.9495	14.262±0.015	14.807±0.015	97454
51657.8765	14.257±0.015	14.796±0.015	97483
51658.0423	14.251±0.015	14.790±0.015	97513
51662.9509	14.209±0.018	14.745±0.020	97736
51664.0022	14.174±0.015	14.708±0.015	97790

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 12.10803.56

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48827.2363	20.545±0.217	21.307±0.492	386
48830.2082	20.624±0.305	20.855±0.300	435
48835.1759	20.203±0.159	20.915±0.344	563
48837.1751	20.191±0.177	20.800±0.311	727
48842.1854	20.107±0.140	20.720±0.237	754
48855.2903	19.385±0.104	20.209±0.233	996
48886.1397	18.329±0.024	19.388±0.059	1149
48888.2618	18.151±0.026	19.268±0.086	1190
48889.2587	18.175±0.021	19.380±0.076	1212
48928.0144	16.853±0.018	17.929±0.035	1613
48929.9951	16.888±0.017	17.944±0.035	1729
48932.0109	16.959±0.016	17.988±0.027	1814
48934.1566	17.108±0.017	18.150±0.030	1889
48939.0386	17.539±0.025	18.580±0.069	1971
48949.2114	18.569±0.021	19.599±0.049	2149
48950.0464	18.650±0.023	19.701±0.073	2170
48965.2220	18.490±0.057	19.589±0.185	2198
48966.0446	18.522±0.061	19.781±0.299	2214
48967.0353	18.352±0.045	19.454±0.155	2260
48985.0398	17.216±0.018	18.341±0.040	2347
48988.0637	17.005±0.016	18.123±0.025	2430
48989.0372	16.934±0.016	18.082±0.028	2477
48989.2299	16.890±0.018	17.999±0.029	2512
48997.0016	16.550±0.016	17.642±0.026	2565
48999.0032	16.478±0.016	17.532±0.022	2626
48999.2279	16.444±0.016	17.560±0.025	2668
49001.0188	16.402±0.016	17.488±0.024	2694
49002.0062	16.397±0.015	17.464±0.017	2744
49003.0037	16.352±0.016	17.424±0.021	2806
49007.0134	16.228±0.016	17.271±0.017	2861
49007.2029	16.188±0.016	17.260±0.020	2896
49008.0687	16.199±0.016	17.263±0.019	2925
49008.1826	16.173±0.016	17.267±0.018	2945
49012.0937	16.081±0.016	17.149±0.022	2989
49017.0396	15.932±0.016	16.972±0.018	3099
49019.0677	15.888±0.015	16.906±0.016	3164
49019.1678	15.881±0.015	16.953±0.016	3181
49021.0657	15.816±0.016	16.846±0.019	3206
49021.1513	15.814±0.015	16.868±0.016	3221
49022.0684	15.771±0.015	16.787±0.017	3269
49022.1512	15.781±0.016	16.835±0.018	3284
49026.1317	15.668±0.016	16.701±0.019	3355
49030.0425	15.594±0.015	16.577±0.017	3394
49033.0309	15.582±0.016	16.574±0.018	3422
49037.2115	15.588±0.015	16.577±0.017	3516

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49041.0189	15.640±0.015	16.598±0.016	3600
49043.2424	15.657±0.016	16.658±0.018	3676
49044.0140	15.708±0.015	16.662±0.016	3700
49044.1019	15.695±0.015	16.695±0.017	3715
49045.0096	15.759±0.015	16.711±0.017	3761
49046.1058	15.770±0.015	16.781±0.016	3832
49048.9990	15.937±0.015	16.891±0.017	3911
49049.0981	15.918±0.016	16.915±0.017	3928
49050.1652	15.979±0.016	16.957±0.019	4000
49054.0867	16.124±0.016	17.103±0.021	4077
49060.0151	16.490±0.016	17.466±0.018	4139
49060.9640	16.589±0.016	17.548±0.019	4176
49061.9602	16.695±0.016	17.646±0.018	4216
49062.9586	16.782±0.017	17.739±0.024	4262
49065.0765	17.046±0.017	18.071±0.024	4287
49066.0401	17.195±0.017	18.220±0.021	4344
49066.1884	17.219±0.017	18.215±0.026	4374
49067.9818	17.480±0.018	18.470±0.030	4435
49068.0989	17.476±0.020	18.476±0.036	4457
49069.0253	17.648±0.018	18.669±0.025	4484
49069.9418	17.761±0.019	18.753±0.038	4531
49070.0023	17.722±0.021	18.720±0.038	4539
49075.9343	18.132±0.023	19.138±0.057	4642
49076.1892	18.118±0.117	19.163±0.409	4665
49077.0258	18.111±0.024	19.150±0.054	4703
49077.1392	18.137±0.030	19.141±0.075	4726
49081.0548	18.091±0.023	19.281±0.071	4845
49083.0254	17.840±0.042	18.971±0.181	4904
49086.9783	17.559±0.021	18.672±0.046	5035
49087.0550	17.488±0.024	18.583±0.061	5049
49089.0247	17.363±0.021	18.488±0.043	5123
49094.9390	16.810±0.016	17.926±0.018	5301
49097.9448	16.597±0.016	17.682±0.018	5585
49098.0680	16.584±0.016	17.639±0.019	5607
49098.9384	16.544±0.016	17.632±0.018	5677
49099.0470	16.525±0.016	17.606±0.021	5699
49099.9273	16.496±0.016	17.573±0.021	5716
49100.0330	16.471±0.016	17.539±0.019	5739
49101.9393	16.379±0.016	17.450±0.017	5882
49103.9360	16.288±0.016	17.347±0.018	5909
49107.0179	16.191±0.016	17.259±0.018	6036
49107.9526	16.148±0.016	17.200±0.019	6075
49108.9455	16.115±0.016	17.170±0.019	6139
49112.9446	15.955±0.016	17.010±0.019	6389
49114.9368	15.865±0.016	16.925±0.020	6478

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49117.9708	15.779±0.016	16.821±0.018	6564
49118.9126	15.730±0.016	16.768±0.018	6653
49120.9191	15.646±0.015	16.671±0.016	6714
49123.9225	15.519±0.015	16.523±0.016	6938
49124.9229	15.467±0.015	16.462±0.016	7040
49125.9186	15.428±0.015	16.421±0.016	7144
49126.9331	15.378±0.015	16.365±0.016	7261
49127.9280	15.333±0.015	16.317±0.016	7367
49134.9221	15.155±0.015	16.116±0.016	7670
49135.9099	15.138±0.015	16.107±0.016	7769
49141.3314	15.071±0.016	16.004±0.017	7904
49142.3316	15.082±0.016	16.012±0.017	7965
49143.9139	15.044±0.015	15.994±0.016	8045
49144.3164	15.045±0.016	15.959±0.018	8086
49144.9065	15.038±0.015	15.993±0.017	8107
49152.9020	14.917±0.015	15.863±0.016	8419
49153.3205	14.926±0.015	15.839±0.016	8506
49153.9234	14.911±0.015	15.836±0.016	8529
49154.9096	14.918±0.015	15.864±0.016	8578
49156.3139	14.890±0.016	15.799±0.018	8621
49156.9309	14.910±0.015	15.831±0.017	8645
49163.2906	14.908±0.015	15.800±0.016	8907
49163.9053	14.884±0.015	15.846±0.016	8931
49164.9069	14.886±0.015	15.828±0.016	9032
49165.9382	14.876±0.015	15.799±0.017	9135
49169.9340	14.858±0.017	15.776±0.023	9291
49172.9028	14.826±0.016	15.743±0.019	9376
49179.2993	14.854±0.017	15.762±0.024	9530
49180.8908	14.849±0.015	15.772±0.016	9567
49181.9038	14.851±0.015	15.763±0.016	9669
49183.3116	14.857±0.015	15.744±0.016	9759
49184.8910	14.856±0.015	15.744±0.016	9845
49186.8797	14.840±0.015	15.758±0.016	10002
49188.8812	14.856±0.015	15.761±0.017	10096
49189.1949	14.861±0.015	15.757±0.016	10158
49190.2024	14.860±0.015	15.770±0.016	10247
49191.8803	14.856±0.016	15.761±0.017	10277
49197.2243	14.842±0.015	15.702±0.016	10520
49200.2323	14.832±0.015	15.715±0.016	10588
49204.1840	14.824±0.015	15.689±0.017	10724
49218.1500	14.638±0.015	15.524±0.015	11482
49219.1292	14.617±0.015	15.496±0.016	11550
49220.1451	14.583±0.015	15.434±0.016	11636
49224.1342	14.522±0.015	15.374±0.016	11885
49225.1038	14.509±0.015	15.372±0.016	11947

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49253.0565	14.433±0.015	15.290±0.015	12130
49255.1568	14.443±0.015	15.299±0.015	12193
49256.0595	14.440±0.015	15.292±0.015	12247
49261.0693	14.423±0.015	15.289±0.016	12516
49266.0341	14.503±0.015	15.346±0.016	12580
49267.1050	14.510±0.015	15.356±0.015	12618
49268.1400	14.516±0.015	15.359±0.015	12655
49269.0762	14.523±0.015	15.373±0.015	12700
49273.1186	14.565±0.015	15.414±0.015	12851
49274.0192	14.571±0.015	15.419±0.015	12873
49275.0879	14.622±0.032	15.593±0.078	12925
49275.1473	14.580±0.015	15.405±0.016	12926
49278.1788	14.587±0.015	15.421±0.015	12957
49281.2062	14.637±0.015	15.457±0.016	12999
49283.0706	14.599±0.015	15.427±0.015	13027
49283.9837	14.614±0.015	15.448±0.015	13071
49287.0826	14.644±0.015	15.477±0.015	13174
49288.1403	14.653±0.015	15.489±0.015	13234
49290.0765	14.686±0.015	15.523±0.016	13272
49292.0093	14.704±0.015	15.547±0.016	13338
49303.1189	14.602±0.015	15.448±0.015	13409
49310.0767	14.554±0.015	15.371±0.015	13525
49312.0574	14.524±0.015	15.358±0.015	13582
49313.0680	14.543±0.015	15.370±0.015	13637
49373.0206	17.439±0.017	18.468±0.028	13918
49375.1922	17.467±0.057	18.575±0.180	13972
49377.0405	17.472±0.018	18.521±0.034	14047
49378.9947	17.534±0.028	18.487±0.081	14143
49381.1117	17.432±0.023	18.496±0.067	14220
49382.0784	17.551±0.036	18.621±0.121	14263
49382.1565	17.429±0.022	18.452±0.061	14273
49385.2456	17.400±0.021	18.429±0.048	14321
49387.0260	17.350±0.018	18.368±0.033	14361
49389.1394	17.290±0.018	18.321±0.028	14414
49391.0071	17.228±0.017	18.261±0.027	14438
49398.9951	17.128±0.016	18.210±0.021	14522
49405.1914	16.940±0.027	18.020±0.067	14663
49406.1394	16.929±0.017	17.998±0.027	14699
49407.2043	16.882±0.017	17.971±0.031	14749
49412.7543	16.757±0.016	17.752±0.023	14883
49413.0092	16.726±0.019	17.747±0.043	14926
49413.9848	16.754±0.016	17.757±0.021	14944
49414.2579	16.714±0.019	17.741±0.040	14962
49415.0007	16.731±0.017	17.756±0.028	14982
49416.9809	16.762±0.016	17.780±0.021	15063

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49419.2523	16.773±0.018	17.801±0.036	15100
49426.1250	16.951±0.016	18.064±0.021	15253
49426.9649	16.957±0.016	18.019±0.024	15305
49428.9588	16.925±0.018	17.961±0.031	15384
49429.9630	16.932±0.016	17.988±0.022	15454
49432.9520	16.908±0.017	17.937±0.026	15485
49433.9498	16.946±0.023	17.961±0.053	15522
49434.9498	16.928±0.017	18.005±0.028	15562
49435.9487	16.892±0.022	17.895±0.056	15603
49437.0265	16.884±0.024	17.950±0.062	15653
49447.0792	16.722±0.016	17.818±0.021	15919
49448.1348	16.685±0.016	17.758±0.021	15980
49449.9092	16.625±0.017	17.654±0.026	16098
49450.9060	16.619±0.016	17.655±0.022	16177
49451.0590	16.543±0.016	17.601±0.019	16200
49452.0247	16.497±0.016	17.555±0.021	16269
49453.0649	16.471±0.018	17.522±0.029	16339
49456.0512	16.341±0.016	17.399±0.020	16398
49457.1352	16.297±0.016	17.334±0.021	16419
49458.0019	16.285±0.015	17.353±0.017	16465
49459.0304	16.243±0.016	17.314±0.017	16492
49460.9909	16.184±0.016	17.253±0.018	16581
49462.0205	16.150±0.016	17.204±0.020	16654
49462.9846	16.125±0.016	17.193±0.019	16728
49464.0528	16.092±0.016	17.127±0.019	16754
49464.9881	16.084±0.016	17.121±0.022	16824
49465.9988	16.046±0.015	17.097±0.018	16853
49467.0010	16.050±0.016	17.106±0.019	16928
49468.0418	16.012±0.019	17.011±0.043	16997
49469.1218	15.976±0.016	17.013±0.027	17055
49470.0906	15.954±0.017	17.019±0.030	17118
49473.0478	15.869±0.016	16.890±0.020	17223
49474.0684	15.830±0.015	16.837±0.017	17301
49478.9906	15.674±0.015	16.694±0.016	17456
49479.9826	15.654±0.015	16.660±0.017	17537
49482.0359	15.581±0.015	16.582±0.017	17617
49484.0151	15.517±0.015	16.514±0.017	17650
49486.0183	15.473±0.015	16.470±0.017	17824
49488.0101	15.446±0.015	16.424±0.016	17988
49488.9951	15.423±0.015	16.405±0.017	18071
49489.9504	15.428±0.016	16.410±0.019	18145
49496.9706	15.336±0.016	16.305±0.022	18376
49505.9969	15.229±0.015	16.181±0.016	18739
49509.9622	15.199±0.016	16.164±0.018	18825
49512.9473	15.213±0.015	16.180±0.016	18938

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49513.9713	15.213±0.015	16.162±0.016	19038
49523.3293	15.169±0.015	16.082±0.016	19502
49532.3112	15.049±0.015	15.961±0.016	19756
49532.9296	15.048±0.015	15.976±0.016	19782
49533.9372	15.033±0.015	15.961±0.016	19847
49539.2540	15.058±0.015	15.941±0.017	20228
49540.9224	15.042±0.015	15.980±0.017	20345
49541.9143	15.042±0.015	15.993±0.016	20425
49542.9151	15.055±0.015	15.987±0.016	20489
49549.8961	15.129±0.016	16.074±0.023	20868
49550.8895	15.070±0.015	16.001±0.016	20960
49552.8844	15.105±0.015	16.045±0.017	21050
49555.8786	15.113±0.016	16.068±0.022	21252
49556.8788	15.131±0.016	16.067±0.019	21323
49560.2038	15.162±0.016	16.045±0.016	21602
49562.8679	15.162±0.015	16.098±0.016	21778
49563.2863	15.168±0.015	16.080±0.016	21837
49567.1805	15.216±0.015	16.113±0.016	21911
49568.2238	15.220±0.015	16.116±0.016	22009
49569.2621	15.207±0.015	16.101±0.017	22090
49570.2212	15.215±0.015	16.106±0.016	22165
49574.1863	15.142±0.015	16.035±0.016	22422
49575.1863	15.129±0.015	16.024±0.016	22507
49579.1739	15.054±0.015	15.941±0.016	22704
49580.1811	15.028±0.015	15.922±0.016	22792
49581.1449	15.017±0.015	15.905±0.016	22867
49588.1757	14.886±0.015	15.746±0.017	23195
49589.2137	14.869±0.015	15.738±0.016	23266
49590.1618	14.825±0.015	15.712±0.016	23321
49591.1464	14.814±0.015	15.708±0.016	23370
49592.1702	14.802±0.015	15.686±0.015	23447
49593.1425	14.766±0.015	15.668±0.016	23518
49596.1919	14.758±0.015	15.627±0.016	23635
49597.1886	14.755±0.015	15.622±0.015	23698
49599.2001	14.748±0.015	15.610±0.015	23828
49603.1621	14.725±0.025	15.583±0.057	23973
49605.1839	14.749±0.015	15.607±0.015	24025
49605.3048	14.732±0.015	15.634±0.015	24047
49606.1741	14.757±0.015	15.620±0.015	24100
49607.1702	14.747±0.015	15.605±0.015	24179
49619.1323	14.676±0.015	15.519±0.017	24858
49621.1838	14.676±0.015	15.528±0.016	25007
49623.2460	14.672±0.015	15.519±0.016	25051
49626.1995	14.651±0.015	15.495±0.015	25188
49628.1684	14.640±0.015	15.494±0.015	25242

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49629.2057	14.624±0.015	15.470±0.015	25293
49630.2058	14.627±0.015	15.478±0.016	25324
49631.1292	14.617±0.015	15.465±0.015	25379
49634.0744	14.592±0.015	15.441±0.015	25448
49635.0657	14.581±0.015	15.435±0.015	25493
49637.1241	14.556±0.015	15.402±0.016	25629
49640.1270	14.717±0.015	15.430±0.015	25741
49641.1549	14.518±0.015	15.352±0.015	25806
49646.1280	14.478±0.015	15.305±0.016	25934
49648.2608	14.486±0.015	15.323±0.015	25990
49650.0521	14.489±0.015	15.317±0.015	26076
49654.1957	14.504±0.015	15.340±0.016	26183
49655.1556	14.511±0.015	15.345±0.016	26222
49661.1890	14.542±0.015	15.369±0.015	26251
49668.1781	14.530±0.015	15.356±0.015	26395
49671.0598	14.469±0.015	15.294±0.016	26435
49673.1505	14.410±0.015	15.253±0.015	26494
49674.1154	14.404±0.015	15.232±0.016	26523
49674.2348	14.411±0.015	15.284±0.015	26545
49677.0681	14.361±0.015	15.183±0.017	26583
49682.0481	14.355±0.015	15.186±0.015	26621
49688.1023	14.328±0.015	15.158±0.015	26689
49689.0669	14.317±0.015	15.153±0.015	26720
49693.1218	14.340±0.015	15.164±0.015	26924
49694.0725	14.345±0.016	15.172±0.017	26968
49696.1039	14.361±0.015	15.188±0.015	26991
49697.0938	14.386±0.015	15.207±0.015	27040
49704.1643	14.529±0.015	15.361±0.016	27324
49705.0698	14.537±0.015	15.359±0.016	27356
49707.1187	14.567±0.015	15.398±0.015	27412
49716.9687	14.550±0.015	15.382±0.015	27443
49718.1850	14.533±0.015	15.408±0.015	27534
49724.0703	14.488±0.015	15.319±0.015	27558
49730.2337	14.405±0.015	15.260±0.015	27685
49731.0915	14.419±0.015	15.287±0.015	27708
49742.1478	14.400±0.015	15.247±0.016	27881
49746.2313	14.398±0.015	15.262±0.015	27975
49755.0714	14.260±0.015	15.083±0.015	28323
49756.1792	14.244±0.015	15.073±0.015	28376
49762.0812	14.305±0.015	15.100±0.015	28482
49763.1147	14.275±0.015	15.092±0.015	28515
49765.2495	14.271±0.015	15.092±0.016	28569
49768.1824	14.314±0.015	15.139±0.016	28634
49785.0551	14.425±0.015	15.279±0.015	28690
49787.2264	14.388±0.015	15.248±0.016	28739

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49791.0256	14.379±0.015	15.228±0.016	28974
49796.0249	14.382±0.015	15.245±0.015	29110
49798.0498	14.397±0.015	15.229±0.015	29197
49802.0445	14.335±0.015	15.195±0.015	29440
49803.1804	14.323±0.015	15.164±0.015	29497
49807.0453	14.334±0.015	15.195±0.016	29636
49808.1724	14.332±0.015	15.169±0.015	29706
49810.0701	14.364±0.015	15.220±0.015	29828
49811.0890	14.364±0.015	15.223±0.015	29899
49820.0456	14.408±0.015	15.266±0.016	30132
49827.0427	14.328±0.015	15.162±0.015	30333
49832.0053	14.283±0.015	15.129±0.015	30543
49833.1153	14.272±0.015	15.099±0.015	30599
49834.1019	14.283±0.015	15.108±0.016	30652
49836.9884	14.348±0.015	15.123±0.015	30702
49844.0865	14.295±0.015	15.142±0.016	30856
49856.0521	14.292±0.015	15.125±0.016	31036
49857.9598	14.288±0.015	15.149±0.015	31120
49866.9335	14.283±0.018	15.135±0.024	31376
49867.0029	14.309±0.016	15.133±0.017	31383
49869.9114	14.322±0.016	15.197±0.017	31425
49887.9223	14.347±0.015	15.193±0.015	31932
49891.9152	14.344±0.015	15.190±0.015	32330
49895.9262	14.356±0.015	15.203±0.016	32497
49918.3304	14.559±0.015	15.383±0.015	33167
49922.2784	14.714±0.015	15.552±0.015	33329
49937.2806	15.454±0.015	16.306±0.017	34193
49938.2958	15.502±0.016	16.357±0.018	34298
49939.1666	15.578±0.016	16.459±0.024	34383
49940.1939	15.664±0.016	16.536±0.019	34504
49942.1750	15.833±0.016	16.701±0.020	34682
49943.2475	15.937±0.015	16.819±0.018	34810
49944.2405	16.041±0.016	16.932±0.019	34922
49945.2784	16.147±0.016	17.019±0.023	35020
49950.1423	16.821±0.019	17.774±0.036	35387
49953.2410	17.293±0.052	18.374±0.177	35567
49954.0563	17.286±0.019	18.210±0.042	35606
49955.2457	17.377±0.024	18.407±0.065	35711
49958.1090	17.514±0.017	18.478±0.032	35873
49962.1235	17.483±0.021	18.442±0.047	36028
49968.2372	17.548±0.019	18.587±0.047	36287
49971.0784	17.474±0.024	18.426±0.082	36376
49973.1345	17.569±0.018	18.611±0.036	36485
49981.1198	17.504±0.024	18.514±0.059	36695
49983.2452	17.587±0.023	18.544±0.047	36837

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49987.1492	17.616±0.021	18.583±0.050	36872
49988.0681	17.706±0.020	18.647±0.043	36940
49995.0956	18.118±0.024	19.110±0.073	37083
49997.1337	18.429±0.031	19.471±0.129	37187
49999.2085	18.743±0.045	19.593±0.149	37340
50006.1238	19.612±0.050	20.481±0.139	37480
50007.1095	19.753±0.058	20.587±0.175	37556
50014.0766	19.912±0.131	20.757±0.358	37671
50020.9157	19.941±0.200	20.605±0.431	37779
50022.1785	20.331±0.227	21.111±0.508	37833
50030.0552	19.884±0.206	20.674±0.494	37924
50032.2013	20.110±0.300	21.015±0.731	37966
50037.0576	19.499±0.041	20.416±0.116	38034
50039.1311	19.176±0.037	20.159±0.110	38082
50047.1270	17.847±0.044	18.943±0.144	38215
50058.0826	16.799±0.019	17.800±0.045	38356
50064.0615	16.591±0.017	17.587±0.029	38530
50068.0473	16.491±0.016	17.498±0.020	38609
50072.0370	16.309±0.017	17.330±0.024	38640
50073.0930	16.260±0.016	17.285±0.021	38698
50079.0660	15.869±0.016	16.861±0.020	38809
50087.1653	15.566±0.015	16.524±0.017	38855
50089.1753	15.525±0.015	16.499±0.016	38894
50090.0706	15.497±0.015	16.439±0.016	38925
50092.2101	15.467±0.015	16.454±0.016	38986
50102.1552	15.309±0.015	16.262±0.016	39075
50106.1031	15.226±0.015	16.147±0.016	39132
50108.1397	15.207±0.015	16.122±0.015	39187
50109.1119	15.138±0.015	16.091±0.015	39244
50110.1231	15.107±0.015	16.056±0.015	39305
50124.0706	14.932±0.015	15.874±0.016	39401
50128.1067	14.894±0.015	15.821±0.015	39640
50129.1292	14.880±0.015	15.785±0.015	39705
50132.0838	14.859±0.015	15.760±0.015	39809
50133.0257	14.847±0.015	15.763±0.015	39867
50134.9944	14.833±0.015	15.745±0.016	39923
50136.1261	14.805±0.015	15.722±0.016	39966
50140.0463	14.795±0.015	15.714±0.015	40031
50142.0216	14.778±0.015	15.679±0.015	40075
50152.0588	14.691±0.015	15.593±0.016	40189
50154.2291	14.650±0.015	15.534±0.016	40237
50160.0778	14.589±0.015	15.479±0.016	40489
50162.1055	14.552±0.017	15.441±0.022	40584
50169.1739	14.551±0.015	15.436±0.015	40767
50173.0685	14.583±0.015	15.438±0.016	40923

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50180.0044	14.521±0.015	15.398±0.016	41284
50181.0624	14.532±0.015	15.424±0.016	41300
50182.0360	14.614±0.015	15.438±0.015	41349
50185.9797	14.533±0.015	15.418±0.015	41447
50188.9797	14.534±0.016	15.427±0.017	41555
50192.9540	14.600±0.015	15.423±0.015	41633
50197.0207	14.530±0.015	15.405±0.016	41765
50198.0695	14.523±0.015	15.384±0.016	41826
50199.9809	14.520±0.015	15.391±0.016	42018
50200.9795	14.513±0.015	15.393±0.016	42134
50202.0177	14.510±0.015	15.375±0.015	42258
50212.9463	14.369±0.015	15.231±0.015	42460
50214.9683	14.315±0.015	15.160±0.016	42622
50216.9414	14.330±0.015	15.182±0.015	42726
50224.0077	14.316±0.015	15.149±0.015	43196
50227.9126	14.338±0.015	15.198±0.015	43503
50229.0118	14.345±0.015	15.188±0.015	43645
50229.8814	14.433±0.015	15.232±0.015	43739
50234.9238	14.489±0.015	15.299±0.016	44259
50244.3356	14.490±0.015	15.318±0.015	44814
50244.8708	14.481±0.015	15.329±0.015	44819
50245.9045	14.510±0.015	15.354±0.015	44937
50247.9191	14.487±0.015	15.346±0.015	45151
50254.9089	14.441±0.015	15.305±0.015	45317
50258.9330	14.416±0.015	15.294±0.016	45555
50268.2311	14.388±0.015	15.209±0.016	45926
50272.2944	14.367±0.015	15.200±0.015	46062
50277.8671	14.347±0.015	15.179±0.015	46299
50279.2766	14.326±0.015	15.160±0.015	46460
50301.3259	14.438±0.015	15.272±0.015	46765
50303.2037	14.439±0.015	15.277±0.015	46806
50305.2511	14.455±0.015	15.294±0.015	47049
50312.2698	14.411±0.015	15.239±0.015	47616
50328.2967	14.233±0.015	15.044±0.016	48294
50331.2913	14.264±0.015	15.084±0.015	48390
50334.2805	14.302±0.015	15.130±0.015	48421
50336.2188	14.311±0.015	15.145±0.015	48484
50343.2470	14.347±0.015	15.169±0.015	48645
50343.2766	14.351±0.015	15.182±0.015	48650
50365.0362	14.261±0.015	15.088±0.015	49247
50369.0769	14.215±0.015	15.038±0.015	49394
50377.0651	14.234±0.015	15.055±0.015	49738
50386.1886	14.252±0.015	15.048±0.016	50038
50396.1168	14.356±0.015	15.181±0.015	50190
50402.1753	14.385±0.015	15.212±0.015	50454

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50408.0769	14.394±0.015	15.222±0.015	50621
50417.2331	14.257±0.015	15.081±0.016	50884
50420.0950	14.252±0.015	15.069±0.015	50977
50423.2032	14.217±0.015	15.029±0.016	51090
50434.1577	14.273±0.015	15.118±0.016	51477
50437.1196	14.308±0.015	15.116±0.015	51521
50439.1153	14.313±0.015	15.122±0.015	51637
50441.0248	14.389±0.015	15.184±0.015	51695
50446.1473	14.399±0.017	15.223±0.021	51842
50451.2093	14.349±0.015	15.191±0.015	51944
50452.1480	14.455±0.015	15.226±0.015	51988
50454.1234	14.312±0.015	15.151±0.015	52083
50456.0168	14.286±0.015	15.124±0.015	52098
50464.2403	14.228±0.015	15.061±0.015	52392
50469.0950	14.193±0.015	15.034±0.015	52503
50484.1274	14.250±0.015	15.088±0.015	52799
50487.1020	14.251±0.015	15.090±0.015	52917
50498.2253	14.394±0.015	15.209±0.015	53255
50505.0051	14.422±0.015	15.239±0.016	53410
50522.9873	14.452±0.015	15.306±0.015	53916
50527.9977	14.470±0.015	15.307±0.016	54144
50534.0841	14.767±0.015	15.574±0.016	54445
50536.0537	14.811±0.015	15.670±0.016	54631
50541.9983	15.133±0.015	16.016±0.016	54810
50544.0967	15.244±0.015	16.137±0.016	54991
50547.1399	15.416±0.015	16.315±0.016	55261
50551.0848	15.620±0.015	16.546±0.016	55468
50553.9601	15.698±0.015	16.637±0.016	55663
50557.9926	15.665±0.015	16.624±0.017	55878
50565.0953	15.641±0.015	16.590±0.017	56068
50569.0225	15.510±0.015	16.446±0.016	56435
50579.9612	14.986±0.015	15.890±0.016	57102
50582.0508	14.901±0.015	15.780±0.016	57295
50593.9401	14.578±0.015	15.452±0.016	57486
50599.9582	14.573±0.015	15.442±0.016	57866
50602.9678	14.603±0.015	15.467±0.015	58130
50607.9503	14.645±0.015	15.515±0.015	58529
50614.3093	14.645±0.015	15.476±0.016	58936
50620.9159	14.570±0.015	15.421±0.017	59526
50623.3317	14.535±0.015	15.368±0.015	59683
50640.3386	14.287±0.015	15.089±0.016	60564
50642.8727	14.299±0.015	15.132±0.015	60633
50643.2534	14.308±0.016	15.092±0.018	60714
50647.2420	14.324±0.015	15.133±0.015	60924
50658.2981	14.393±0.015	15.214±0.015	61755

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50661.3022	14.383±0.015	15.201±0.015	62063
50663.3089	14.402±0.015	15.220±0.015	62256
50671.1612	14.438±0.015	15.250±0.016	62683
50675.2609	14.441±0.015	15.272±0.015	62922
50679.1670	14.469±0.015	15.297±0.016	63203
50681.1906	14.463±0.015	15.306±0.015	63412
50687.2415	14.465±0.015	15.305±0.016	63797
50690.2691	14.462±0.015	15.311±0.015	64030
50702.2623	14.631±0.015	15.474±0.015	64223
50705.2465	14.697±0.015	15.528±0.015	64354
50716.1588	14.872±0.015	15.738±0.016	64544
50719.0566	14.941±0.015	15.805±0.016	64665
50720.1990	14.955±0.015	15.807±0.015	64760
50722.1349	14.973±0.015	15.848±0.015	64912
50727.0872	15.088±0.015	15.956±0.016	65217
50732.0170	15.214±0.015	16.097±0.016	65326
50733.1895	15.229±0.015	16.104±0.016	65436
50735.0472	15.238±0.015	16.128±0.016	65546
50737.2616	15.274±0.016	16.171±0.018	65734
50739.2041	15.293±0.015	16.180±0.017	65848
50739.2087	15.296±0.015	16.186±0.017	65849
50742.1549	15.332±0.015	16.259±0.017	65974
50744.2540	15.329±0.015	16.245±0.016	66092
50785.0525	15.479±0.015	16.418±0.016	66964
50794.0824	15.466±0.015	16.420±0.016	67083
50797.2012	15.377±0.015	16.329±0.017	67174
50804.0234	15.148±0.015	16.071±0.016	67333
50806.0399	15.085±0.015	16.010±0.015	67443
50814.2238	14.940±0.015	15.865±0.016	67679
50826.1686	14.748±0.015	15.667±0.016	67804
50833.0480	14.582±0.015	15.500±0.015	67903
50841.0042	14.528±0.015	15.420±0.015	68135
50843.1799	14.527±0.015	15.423±0.015	68268
50846.1496	14.534±0.015	15.422±0.016	68372
50853.0623	14.599±0.015	15.480±0.015	68501
50861.0978	14.610±0.015	15.495±0.016	68611
50868.9864	14.583±0.015	15.458±0.015	69076
50871.1416	14.534±0.015	15.406±0.015	69237
50876.0106	14.489±0.015	15.355±0.015	69376
50880.0232	14.485±0.015	15.352±0.015	69498
50881.1973	14.488±0.015	15.362±0.015	69559
50882.2043	14.492±0.015	15.361±0.015	69635
50883.1845	14.482±0.015	15.354±0.015	69714
50909.1161	14.672±0.015	15.479±0.015	70118
50911.0899	14.784±0.015	15.487±0.015	70312

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50918.0680	14.571±0.015	15.434±0.015	70551
50931.9587	14.558±0.015	15.325±0.015	70883
50951.9306	14.533±0.015	15.315±0.015	71439
50958.9169	14.495±0.015	15.326±0.015	71860
50969.9337	14.610±0.015	15.349±0.015	72436
50980.8899	14.389±0.015	15.221±0.015	72952
50983.9010	14.387±0.016	15.217±0.018	73274
50990.3235	14.363±0.015	15.191±0.015	73396
50996.2564	14.347±0.015	15.193±0.015	73767
51005.2290	14.395±0.015	15.223±0.016	74299
51029.3035	14.281±0.015	15.114±0.015	75221
51058.2319	14.411±0.015	15.222±0.016	76282
51074.0792	14.289±0.015	15.106±0.016	76722
51086.2454	14.335±0.015	15.172±0.015	77078
51103.1354	14.571±0.015	15.411±0.015	77632
51107.2032	14.674±0.015	15.516±0.016	77739
51110.2435	14.781±0.015	15.633±0.016	77870
51113.1231	14.912±0.017	15.777±0.023	78008
51115.2133	15.002±0.015	15.861±0.016	78138
51120.1352	15.176±0.015	16.052±0.016	78252
51132.0079	15.194±0.015	16.110±0.016	78397
51137.1712	15.157±0.015	16.054±0.016	78518
51142.0578	15.156±0.015	16.049±0.016	78620
51148.1828	15.289±0.015	16.186±0.016	78745
51158.0910	15.610±0.015	16.532±0.017	78914
51173.1289	15.730±0.015	16.763±0.016	79209
51182.1735	15.623±0.015	16.528±0.017	79425
51185.0034	15.475±0.043	16.287±0.094	79541
51190.1914	15.438±0.015	16.397±0.016	79666
51196.0901	15.328±0.015	16.294±0.016	79770
51208.1724	15.397±0.016	16.358±0.018	79894
51222.0740	15.367±0.015	16.322±0.016	80010
51226.0406	15.331±0.015	16.249±0.016	80106
51229.0817	15.190±0.015	16.143±0.016	80235
51241.0638	14.858±0.015	15.780±0.016	80445
51248.0269	14.828±0.015	15.689±0.015	80768
51250.9809	14.838±0.015	15.705±0.015	80899
51255.0255	14.811±0.015	15.705±0.016	81115
51263.0431	14.792±0.015	15.657±0.015	81292
51285.9807	14.449±0.015	15.321±0.015	82145
51286.9862	14.464±0.015	15.332±0.015	82224
51292.9011	14.529±0.015	15.391±0.015	82819
51299.9214	14.540±0.015	15.336±0.015	83198
51301.9379	14.548±0.015	15.317±0.015	83387
51304.9350	14.442±0.015	15.282±0.015	83729

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51307.9258	14.432±0.015	15.271±0.015	83948
51312.9123	14.453±0.015	15.292±0.015	84226
51314.9688	14.533±0.015	15.307±0.015	84433
51318.9361	14.419±0.015	15.250±0.016	84896
51326.9450	14.439±0.015	15.258±0.015	85250
51336.9067	14.604±0.015	15.444±0.015	85576
51348.8665	14.968±0.015	15.819±0.016	86228
51359.3272	15.362±0.018	16.213±0.026	87028
51363.3182	15.645±0.015	16.505±0.017	87390
51383.2398	16.492±0.016	17.437±0.019	88271
51392.3030	16.580±0.016	17.572±0.024	88913
51396.2171	16.456±0.016	17.445±0.021	89369
51405.2512	16.194±0.016	17.162±0.021	89823
51408.3131	16.119±0.016	17.097±0.020	90138
51412.1873	16.038±0.016	16.998±0.018	90457
51415.3076	16.058±0.015	17.015±0.017	90776
51422.1807	15.781±0.015	16.721±0.017	91177
51425.2059	15.640±0.015	16.571±0.016	91362
51435.1610	15.444±0.015	16.354±0.016	91944
51440.1588	15.285±0.015	16.201±0.016	92127
51441.2660	15.259±0.015	16.158±0.016	92230
51459.2759	14.730±0.015	15.569±0.015	92635
51464.0588	14.627±0.015	15.495±0.015	92758
51469.1831	14.573±0.015	15.427±0.015	92903
51472.1110	14.547±0.015	15.412±0.015	93003
51473.2606	14.541±0.015	15.391±0.016	93117
51479.0926	14.554±0.015	15.415±0.015	93213
51480.2351	14.554±0.015	15.411±0.016	93312
51485.0894	14.521±0.015	15.380±0.015	93407
51493.0419	14.428±0.015	15.283±0.015	93627
51495.1411	14.384±0.016	15.237±0.018	93737
51508.1853	14.312±0.015	15.146±0.015	93933
51513.0726	14.308±0.015	15.151±0.015	94031
51514.2114	14.309±0.015	15.132±0.015	94127
51531.0781	14.301±0.015	15.132±0.015	94484
51534.1772	14.321±0.015	15.166±0.016	94572
51543.1095	14.244±0.015	15.071±0.016	94675

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 16.5641.22

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48842.2171	14.431±0.015	15.283±0.015	760
48843.2248	14.433±0.015	15.282±0.015	796
48844.2019	14.425±0.015	15.280±0.015	833
48920.1719	14.393±0.015	15.227±0.015	1553
48928.1168	14.436±0.015	15.265±0.015	1632
48930.0972	14.450±0.015	15.280±0.015	1749
48940.2087	14.365±0.015	15.203±0.015	2050
48966.1525	14.445±0.015	15.295±0.016	2236
48967.1461	14.447±0.015	15.285±0.016	2282
49185.2935	21.144±0.238	21.698±0.358	9920
49190.3105	21.077±0.272	21.452±0.323	10269
49223.2246	21.338±0.219	22.298±0.623	11804
49256.1693	19.182±0.039	20.588±0.213	12268
49261.1164	18.672±0.045	20.087±0.271	12525
49284.1623	18.234±0.019	19.435±0.045	13108
49292.1115	17.972±0.032	19.163±0.111	13358
49308.2210	17.054±0.016	18.229±0.021	13494
49314.0800	16.760±0.016	17.908±0.024	13702
49318.1839	16.601±0.016	17.702±0.021	13849
49377.0836	15.391±0.015	16.348±0.016	14056
49519.3245	16.063±0.016	16.979±0.021	19355
49533.2768	16.137±0.019	17.076±0.038	19813
49547.2411	16.277±0.016	17.255±0.018	20720
49554.2156	16.359±0.018	17.335±0.032	21173
49560.2811	16.639±0.016	17.664±0.024	21612
49608.1811	20.664±0.184	21.820±0.775	24243
49640.2018	21.621±0.175	22.631±0.507	25756
49650.1669	21.658±0.367	22.076±0.499	26100
49691.9924	19.666±0.046	20.872±0.159	26842
49692.0195	19.761±0.035	21.025±0.129	26846
49693.0369	19.717±0.040	20.863±0.145	26906
49697.0131	19.812±0.039	21.099±0.181	27023
49698.0333	19.852±0.061	21.147±0.270	27085
49706.0096	19.370±0.072	20.289±0.191	27393
49741.0238	18.633±0.024	19.850±0.066	27825
49937.2011	15.798±0.016	16.835±0.021	34175
49940.1130	15.690±0.016	16.711±0.025	34486
49943.1579	15.591±0.015	16.586±0.017	34790
49945.1812	15.540±0.015	16.563±0.017	35002
49953.1593	15.427±0.015	16.407±0.016	35549
49956.2466	15.392±0.016	16.356±0.018	35773
49958.2764	15.364±0.015	16.331±0.016	35908
49962.2756	15.313±0.015	16.273±0.016	36062
49967.1406	15.257±0.015	16.231±0.017	36208
49983.0795	14.816±0.015	15.720±0.015	36800

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49997.2504	14.758±0.015	15.648±0.015	37209
50039.1850	14.499±0.015	15.415±0.015	38094
50047.1813	14.503±0.018	15.353±0.024	38227
50062.1448	14.407±0.015	15.242±0.015	38473
50365.2154	14.222±0.015	15.031±0.015	49284
50386.2523	14.361±0.015	15.192±0.016	50051
50398.2389	14.163±0.015	14.981±0.015	50330
50410.1689	14.059±0.015	14.862±0.015	50667
50420.2192	14.155±0.015	14.931±0.015	51005
50593.3127	14.193±0.015	14.985±0.015	57461
50652.1636	14.177±0.015	14.948±0.016	61377
50659.2183	14.231±0.015	15.013±0.015	61839
50671.3113	14.370±0.015	15.152±0.016	62714
50680.2410	14.575±0.015	15.360±0.015	63308
50690.0924	15.080±0.015	15.968±0.016	63990
50700.1474	16.000±0.016	16.852±0.017	64094
50704.0946	16.626±0.017	17.516±0.025	64256
50707.2842	17.323±0.019	18.234±0.041	64394
50714.0309	18.709±0.135	19.711±0.418	64461
50717.1496	18.791±0.023	19.902±0.053	64576
50719.1127	18.772±0.033	19.809±0.105	64676
50720.0436	18.797±0.033	19.895±0.114	64725
50721.0236	18.714±0.031	19.784±0.089	64801
50722.0245	18.693±0.032	19.770±0.094	64887
50723.0178	18.746±0.036	19.844±0.116	64960
50734.9937	18.271±0.032	19.419±0.146	65535
50737.9981	18.174±0.058	19.717±0.499	65752
50740.9883	18.050±0.024	19.273±0.081	65887
50742.2106	17.931±0.030	19.012±0.085	65986
50743.0342	17.922±0.019	19.028±0.038	66021
50744.0899	17.898±0.019	18.942±0.044	66055
50745.1404	17.841±0.018	18.943±0.030	66132
50746.0523	17.836±0.021	18.906±0.047	66177
50759.9899	18.194±0.028	19.258±0.078	66383
50768.1608	18.916±0.057	20.169±0.239	66490
50775.1139	19.565±0.050	20.550±0.144	66716
50778.0550	20.250±0.070	21.126±0.160	66867
50779.2075	20.453±0.106	21.118±0.186	66911
50797.0694	21.849±0.512	21.996±0.458	67145
50798.1097	22.261±0.832	21.952±0.421	67213
50805.0691	22.562±0.965	22.103±0.361	67398
50806.0932	21.611±0.185	22.410±0.373	67455
50812.0164	21.781±0.258	22.693±0.741	67550
50815.0860	21.276±0.315	22.357±0.858	67684
50990.2303	18.719±0.057	19.966±0.218	73375

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50996.2107	18.515±0.033	19.816±0.127	73757
50999.2482	18.452±0.028	19.672±0.082	73970
51026.3128	17.430±0.020	18.629±0.052	75080
51048.0998	16.697±0.018	17.974±0.042	75529
51050.2580	16.584±0.017	17.707±0.026	75745
51052.2258	16.512±0.016	17.635±0.023	75819
51057.3061	16.370±0.016	17.458±0.021	76214
51083.1578	16.017±0.015	17.056±0.017	76877
51086.1797	15.939±0.016	16.973±0.018	77065
51090.0160	15.814±0.017	16.835±0.035	77258
51097.1896	15.700±0.015	16.730±0.016	77337
51103.2058	15.633±0.015	16.649±0.017	77645
51108.1350	15.602±0.015	16.610±0.017	77788
51109.1909	15.609±0.015	16.621±0.016	77817
51112.0802	15.598±0.016	16.588±0.018	77964
51119.0174	15.570±0.015	16.554±0.018	78161
51120.2178	15.554±0.015	16.545±0.017	78270
51126.9637	15.486±0.015	16.473±0.017	78347
51132.9618	15.420±0.016	16.383±0.020	78431
51137.0476	15.393±0.015	16.360±0.016	78490
51148.0514	15.286±0.015	16.239±0.016	78722
51149.2054	15.288±0.015	16.239±0.016	78785
51154.1229	15.317±0.018	16.282±0.031	78858
51159.0736	15.398±0.015	16.528±0.018	78965
51387.3302	15.239±0.015	16.202±0.017	88622
51393.3102	14.963±0.015	15.901±0.016	89049
51406.2074	14.835±0.015	15.746±0.015	89948
51408.2328	14.823±0.015	15.732±0.015	90121
51413.2445	14.755±0.015	15.661±0.015	90552
51415.1746	14.743±0.015	15.649±0.016	90748
51422.2510	14.701±0.015	15.594±0.015	91192
51433.1471	14.583±0.015	15.464±0.015	91725
51434.1996	14.567±0.015	15.457±0.015	91840
51435.2550	14.548±0.015	15.432±0.015	91963
51436.2561	14.540±0.015	15.427±0.015	92027
51438.2767	14.530±0.015	15.409±0.016	92050
51444.1050	14.503±0.015	15.373±0.016	92333
51463.1191	14.520±0.015	15.404±0.016	92695
51464.1034	14.537±0.015	15.414±0.015	92768
51467.0937	14.546±0.015	15.419±0.015	92809
51479.1480	14.433±0.015	15.306±0.015	93224
51480.0791	14.434±0.015	15.303±0.015	93284
51489.1686	14.436±0.015	15.305±0.015	93490
51493.1496	14.452±0.015	15.308±0.015	93648
51494.1484	14.435±0.015	15.298±0.015	93683

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51495.9584	14.451±0.015	15.359±0.015	93750
51508.2036	14.428±0.015	15.297±0.015	93937
51519.0301	14.611±0.015	15.492±0.016	94275
51526.1222	14.562±0.015	15.442±0.016	94387
51531.0031	14.470±0.015	15.338±0.015	94468
51533.1659	14.451±0.015	15.321±0.015	94549

TABLE 1
 MACHO PROJECT PHOTOMETRY FOR 18.3325.148

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48856.3049	14.882±0.015	15.702±0.016	1049
48888.2947	14.674±0.015	15.496±0.017	1198
48889.2974	14.683±0.015	15.508±0.017	1221
48917.2635	14.803±0.015	15.599±0.016	1456
48918.1173	14.785±0.015	15.579±0.015	1477
48930.0357	14.718±0.015	15.508±0.016	1738
48932.0453	14.658±0.015	15.473±0.015	1822
48939.0971	14.569±0.015	15.359±0.016	1979
48940.1021	14.549±0.015	15.341±0.015	2034
48942.1461	14.563±0.015	15.349±0.016	2079
48949.2208	14.465±0.016	15.227±0.020	2151
48966.0736	14.282±0.015	15.042±0.016	2220
48967.0684	14.307±0.015	15.057±0.016	2266
48986.0960	14.516±0.015	15.279±0.015	2394
48988.0924	14.510±0.015	15.277±0.015	2436
48989.0853	14.519±0.015	15.290±0.015	2486
48990.0861	14.521±0.015	15.290±0.015	2537
48997.0359	14.521±0.015	15.294±0.015	2572
48999.0391	14.543±0.015	15.314±0.015	2633
49001.0536	14.565±0.015	15.327±0.016	2701
49002.0473	14.573±0.015	15.342±0.015	2751
49002.2410	14.553±0.015	15.364±0.016	2788
49004.9245	14.604±0.015	15.373±0.016	2839
49007.0429	14.620±0.015	15.396±0.015	2867
49019.1973	14.427±0.015	15.206±0.015	3187
49021.1415	14.399±0.015	15.185±0.015	3219
49022.0127	14.386±0.015	15.127±0.015	3257
49022.1788	14.379±0.015	15.150±0.015	3290
49026.1613	14.393±0.015	15.132±0.016	3361
49030.0080	14.338±0.015	15.066±0.015	3387
49033.0025	14.305±0.015	15.035±0.015	3416
49044.1299	14.183±0.015	14.920±0.015	3721
49046.1325	14.146±0.015	14.897±0.015	3838
49050.0535	14.187±0.015	14.947±0.015	3983
49054.1137	14.234±0.015	14.998±0.016	4083
49060.0429	14.283±0.015	15.055±0.015	4145
49061.0188	14.281±0.015	15.051±0.015	4183
49062.0051	14.282±0.015	15.052±0.015	4223
49062.9978	14.272±0.015	15.039±0.015	4268
49066.0718	14.277±0.015	15.047±0.015	4351
49069.0518	14.286±0.015	15.058±0.015	4490
49070.0300	14.286±0.015	15.056±0.015	4545
49074.9961	14.301±0.015	15.056±0.015	4613
49076.0666	14.294±0.016	15.048±0.017	4654
49077.0589	14.305±0.015	15.065±0.015	4710

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49078.0232	14.321±0.015	15.099±0.016	4782
49081.0841	14.366±0.015	15.124±0.015	4851
49087.0178	14.469±0.015	15.262±0.016	5042
49089.0532	14.504±0.015	15.307±0.016	5129
49090.0419	14.527±0.015	15.309±0.015	5183
49094.9732	14.548±0.015	15.337±0.015	5308
49097.9746	14.555±0.015	15.342±0.015	5591
49098.9661	14.549±0.015	15.332±0.015	5683
49099.9546	14.542±0.015	15.331±0.015	5722
49100.0606	14.554±0.015	15.333±0.015	5745
49100.9542	14.544±0.015	15.323±0.015	5828
49101.9625	14.531±0.015	15.317±0.016	5888
49103.9635	14.520±0.015	15.306±0.015	5915
49107.0515	14.493±0.015	15.271±0.016	6043
49107.9876	14.480±0.015	15.254±0.015	6083
49108.9720	14.469±0.015	15.238±0.016	6145
49112.0284	14.480±0.015	15.252±0.017	6311
49112.9820	14.482±0.015	15.285±0.016	6396
49117.9971	14.454±0.015	15.224±0.016	6570
49118.9596	14.454±0.015	15.238±0.015	6662
49120.9453	14.411±0.015	15.193±0.015	6720
49123.9490	14.323±0.015	15.087±0.015	6944
49125.9458	14.265±0.015	15.014±0.015	7150
49126.9596	14.208±0.015	14.967±0.016	7267
49127.9641	14.201±0.015	14.939±0.015	7374
49134.9494	14.121±0.015	14.854±0.015	7676
49135.9362	14.110±0.015	14.839±0.015	7775
49143.9425	14.152±0.015	14.889±0.016	8051
49144.2454	14.169±0.015	14.884±0.016	8070
49144.8398	14.173±0.015	14.923±0.015	8092
49152.9299	14.312±0.015	15.073±0.015	8425
49153.8967	14.313±0.015	15.077±0.015	8523
49162.3379	14.356±0.015	15.102±0.016	8822
49163.3187	14.362±0.015	15.103±0.015	8913
49164.2856	14.362±0.015	15.104±0.015	9006
49182.2997	14.357±0.015	15.096±0.015	9736
49197.2378	14.558±0.015	15.302±0.016	10523
49200.2728	14.589±0.015	15.337±0.016	10595
49202.2448	14.557±0.015	15.298±0.016	10659
49204.2107	14.528±0.015	15.279±0.016	10730
49210.1867	14.436±0.015	15.180±0.015	11023
49211.2010	14.420±0.015	15.164±0.016	11130
49212.2287	14.413±0.015	15.161±0.015	11200
49218.1821	14.357±0.015	15.107±0.015	11489
49219.1571	14.345±0.015	15.086±0.015	11556

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49221.2732	14.333±0.015	15.072±0.015	11663
49222.1515	14.321±0.015	15.047±0.016	11729
49224.1611	14.322±0.017	15.026±0.024	11891
49225.1434	14.325±0.015	15.050±0.015	11954
49255.2325	14.281±0.015	15.021±0.015	12200
49256.1014	14.296±0.015	15.030±0.015	12255
49261.1027	14.277±0.015	15.012±0.015	12522
49266.1382	14.257±0.015	14.989±0.015	12586
49268.2042	14.257±0.015	14.988±0.015	12667
49269.1011	14.271±0.015	15.006±0.015	12705
49271.1418	14.287±0.015	15.025±0.015	12806
49278.2061	14.331±0.015	15.065±0.015	12963
49281.2398	14.296±0.015	15.021±0.015	13005
49288.1319	14.266±0.015	14.993±0.016	13232
49290.0996	14.264±0.015	14.993±0.015	13278
49292.0449	14.250±0.015	14.972±0.015	13344
49303.1875	14.310±0.015	15.039±0.015	13418
49312.1216	14.357±0.015	15.095±0.015	13592
49376.0497	14.050±0.015	14.751±0.015	13993
49381.1388	14.049±0.015	14.767±0.015	14226
49387.1395	14.103±0.015	14.821±0.015	14374
49391.0338	14.151±0.015	14.861±0.015	14444
49400.0941	14.139±0.015	14.888±0.015	14591
49405.2215	14.093±0.015	14.826±0.015	14669
49406.2012	14.091±0.015	14.826±0.015	14708
49407.2431	14.076±0.015	14.802±0.015	14757
49410.1349	14.060±0.015	14.787±0.016	14828
49412.8876	14.071±0.015	14.803±0.016	14904
49414.2150	14.091±0.015	14.814±0.016	14952
49416.0932	14.101±0.015	14.845±0.015	15018
49425.0446	14.083±0.015	14.825±0.015	15180
49425.0715	14.091±0.015	14.840±0.015	15185
49427.0706	14.090±0.015	14.828±0.015	15322
49429.1211	14.091±0.015	14.825±0.015	15400
49435.1201	14.154±0.015	14.892±0.016	15584
49437.1300	14.184±0.015	14.924±0.016	15659
49447.1082	14.256±0.016	14.998±0.017	15925
49449.0344	14.251±0.016	15.000±0.017	16038
49451.0728	14.221±0.015	14.963±0.015	16203
49452.0588	14.205±0.015	14.950±0.015	16276
49461.0173	14.074±0.015	14.808±0.015	16587
49464.0793	14.045±0.015	14.770±0.015	16760
49465.0146	14.047±0.016	14.775±0.018	16830
49467.0380	14.022±0.015	14.758±0.016	16934
49468.0754	14.006±0.015	14.735±0.016	17005

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49479.0168	13.993±0.015	14.705±0.015	17462
49489.0219	14.007±0.015	14.732±0.016	18077
49513.9517	14.050±0.015	14.779±0.015	19034
49514.2361	14.054±0.015	14.758±0.015	19081
49519.8783	14.051±0.015	14.784±0.015	19365
49530.8967	14.062±0.015	14.794±0.015	19641
49531.8410	14.043±0.015	14.775±0.015	19725
49532.8710	14.039±0.015	14.764±0.015	19770
49533.8763	14.052±0.015	14.770±0.015	19834
49538.8470	14.095±0.015	14.823±0.015	20152
49541.8683	14.102±0.015	14.820±0.015	20418
49543.2063	14.131±0.015	14.838±0.015	20547
49545.8599	14.131±0.015	14.864±0.016	20604
49546.8589	14.126±0.015	14.856±0.015	20658
49551.2673	14.121±0.015	14.819±0.015	21018
49557.2414	14.047±0.015	14.745±0.015	21390
49568.2548	13.952±0.015	14.650±0.015	22015
49569.2935	13.955±0.015	14.645±0.015	22096
49570.2582	13.970±0.015	14.662±0.015	22172
49572.2166	14.012±0.015	14.698±0.015	22262
49574.2148	14.056±0.015	14.748±0.015	22428
49588.2051	14.132±0.015	14.836±0.015	23201
49589.2534	14.136±0.015	14.837±0.015	23274
49590.1977	14.114±0.015	14.807±0.015	23328
49593.1746	14.108±0.015	14.802±0.015	23524
49596.2454	14.090±0.015	14.779±0.015	23641
49599.2288	14.078±0.015	14.773±0.015	23834
49619.1592	14.035±0.015	14.723±0.015	24864
49628.2046	14.033±0.015	14.725±0.015	25248
49629.2335	14.038±0.015	14.732±0.015	25299
49630.2328	14.044±0.015	14.739±0.015	25330
49631.1566	14.042±0.015	14.737±0.015	25385
49634.1043	14.066±0.015	14.764±0.015	25454
49639.2023	14.180±0.021	14.889±0.031	25706
49643.1082	14.162±0.015	14.880±0.016	25898
49646.1677	14.223±0.015	14.940±0.016	25941
49649.0842	14.212±0.015	14.931±0.015	26018
49654.2208	14.100±0.015	14.802±0.015	26188
49671.0904	13.987±0.015	14.673±0.015	26441
49677.1099	14.032±0.015	14.719±0.015	26589
49688.1510	14.052±0.015	14.744±0.015	26695
49689.0947	14.074±0.015	14.772±0.015	26726
49696.1373	14.009±0.015	14.700±0.015	26997
49705.1014	13.900±0.015	14.578±0.015	27362
49716.9977	13.998±0.015	14.685±0.015	27449

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49718.2201	14.014±0.015	14.734±0.015	27540
49724.1062	14.070±0.015	14.760±0.015	27564
49731.1190	14.165±0.015	14.898±0.015	27714
49739.1864	14.111±0.015	14.844±0.015	27791
49742.1742	14.065±0.015	14.786±0.016	27887
49742.2069	14.056±0.015	14.782±0.015	27893
49746.2222	13.935±0.015	14.650±0.015	27973
49748.1911	13.879±0.015	14.587±0.015	28077
49753.2531	13.845±0.015	14.552±0.015	28299
49766.1419	13.969±0.015	14.685±0.015	28578
49785.0813	13.918±0.015	14.632±0.015	28696
49788.0173	13.855±0.015	14.556±0.015	28767
49791.0528	13.832±0.015	14.545±0.015	28980
49796.0525	13.873±0.015	14.606±0.015	29117
49800.0424	13.929±0.015	14.646±0.016	29284
49801.1356	13.932±0.015	14.650±0.015	29385
49811.1280	13.985±0.015	14.690±0.015	29906
49827.9758	14.208±0.015	14.932±0.015	30375
49843.9928	14.223±0.015	14.961±0.015	30839
49928.2250	14.013±0.015	14.694±0.015	33621
49939.1958	14.025±0.015	14.713±0.015	34389
49942.2018	14.047±0.015	14.718±0.015	34688
49943.2743	15.001±0.015	14.974±0.015	34816
49944.2673	14.772±0.016	14.912±0.015	34928
49945.3112	14.226±0.015	14.768±0.015	35026
49949.3170	14.001±0.015	14.678±0.015	35330
49962.1504	14.028±0.015	14.710±0.015	36034
49967.2506	14.036±0.015	14.726±0.015	36232
49982.1859	13.825±0.015	14.496±0.015	36738
50014.1036	13.877±0.015	14.537±0.015	37677
50020.9946	13.899±0.015	14.565±0.015	37785
50024.0780	13.946±0.015	14.622±0.016	37890
50030.0821	14.020±0.015	14.710±0.015	37930
50047.1547	14.024±0.017	14.732±0.020	38221
50058.1093	13.965±0.015	14.652±0.015	38362
50072.0760	14.023±0.015	14.715±0.015	38646
50077.0631	13.956±0.015	14.645±0.015	38771
50079.1723	13.921±0.015	14.639±0.015	38818
50127.1667	13.751±0.015	14.445±0.015	39577
50128.1339	13.744±0.015	14.439±0.015	39646
50135.0261	13.784±0.015	14.486±0.016	39930
50158.0917	14.032±0.019	14.777±0.027	40397
50162.1490	14.026±0.015	14.744±0.015	40590
50170.0292	13.999±0.015	14.714±0.016	40822
50171.1305	14.002±0.015	14.704±0.016	40854

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50180.0371	13.996±0.015	14.700±0.015	41290
50182.0857	14.007±0.015	14.724±0.015	41358
50186.0058	14.021±0.015	14.736±0.015	41453
50189.0195	14.026±0.016	14.731±0.018	41562
50199.0159	13.851±0.015	14.549±0.015	41912
50200.0071	13.826±0.015	14.524±0.015	42024
50202.0442	13.812±0.015	14.508±0.015	42264
50219.9725	13.774±0.015	14.463±0.015	42995
50221.8725	13.803±0.015	14.495±0.016	43146
50229.9076	13.922±0.015	14.639±0.015	43745
50244.9069	13.791±0.015	14.494±0.015	44827
50278.2047	13.938±0.015	14.614±0.015	46351
50279.3033	13.935±0.015	14.616±0.015	46466
50303.2305	13.997±0.015	14.673±0.015	46812
50350.2189	14.144±0.015	14.829±0.015	48910
50351.1921	14.110±0.015	14.811±0.016	48981
50381.0927	14.126±0.016	14.633±0.016	49937
50386.2189	13.915±0.015	14.588±0.015	50044
50399.0354	13.742±0.015	14.407±0.015	50344
50402.2036	13.799±0.015	14.396±0.015	50460
50418.0866	13.904±0.015	14.602±0.015	50914
50420.1217	13.964±0.015	14.659±0.015	50983
50421.1176	13.976±0.017	14.680±0.019	51039
50421.2024	13.980±0.015	14.678±0.015	51040
50426.0602	13.971±0.015	14.663±0.015	51130
50433.1250	13.959±0.015	14.667±0.015	51426
50437.1476	13.928±0.015	14.615±0.015	51527
50439.1419	13.910±0.015	14.589±0.015	51643
50446.1739	13.858±0.015	14.557±0.015	51848
50469.1214	13.774±0.015	14.453±0.015	52509
50484.1180	13.776±0.015	14.472±0.015	52797
50494.2199	13.818±0.015	14.516±0.015	53030
50496.1708	13.823±0.015	14.522±0.015	53144
50522.0895	13.847±0.015	14.536±0.015	53856
50551.9483	13.752±0.015	14.432±0.015	55518
50567.0609	13.751±0.015	14.438±0.016	56283
50595.9709	13.729±0.015	14.408±0.015	57576
50641.8487	13.836±0.015	14.512±0.015	60577
50658.1558	13.961±0.015	14.645±0.015	61726
50676.3067	13.865±0.015	14.556±0.015	63023
50683.1769	13.871±0.015	14.550±0.015	63620
50687.2624	13.919±0.015	14.551±0.015	63800
50690.2827	13.827±0.015	14.495±0.015	64033
50719.0703	13.876±0.015	14.516±0.015	64668
50726.0028	13.742±0.015	14.393±0.015	65130

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50734.0529	13.878±0.015	14.413±0.015	65477
50737.0273	13.756±0.015	14.408±0.015	65682
50738.0906	13.755±0.015	14.417±0.015	65769
50742.2429	13.803±0.015	14.474±0.015	65993
50803.1411	13.873±0.015	14.485±0.015	67318
50805.1635	13.830±0.015	14.497±0.015	67419
50813.1783	13.974±0.015	14.668±0.015	67629
50831.2034	13.864±0.015	14.547±0.015	67874
50840.0631	13.849±0.016	14.551±0.017	68095
50849.9469	13.938±0.015	14.630±0.015	68443
50859.9395	13.837±0.015	14.529±0.015	68558
50870.1328	13.719±0.015	14.400±0.015	69163
50875.9557	13.637±0.015	14.317±0.015	69364
50885.1254	13.687±0.015	14.368±0.015	69834
50922.0689	13.826±0.015	14.497±0.015	70747
50941.8719	13.963±0.015	14.651±0.015	71117
50961.8986	13.872±0.015	14.571±0.016	72139
50974.8859	13.698±0.015	14.383±0.015	72739
50995.2902	13.979±0.015	14.657±0.015	73673
51006.1961	14.151±0.015	14.824±0.016	74392
51018.1934	14.147±0.015	14.829±0.015	74845
51048.2621	13.807±0.015	14.476±0.015	75569
51052.1827	13.935±0.015	14.531±0.015	75811
51055.1665	13.849±0.015	14.525±0.015	76059
51058.1272	13.880±0.015	14.547±0.015	76265
51073.2338	13.667±0.015	14.339±0.015	76673
51075.1889	13.667±0.015	14.337±0.016	76790
51086.0933	13.794±0.015	14.459±0.015	77050
51090.1985	13.885±0.015	14.561±0.015	77298
51107.0880	13.964±0.015	14.640±0.015	77713
51159.1978	13.706±0.015	14.359±0.015	78993
51171.2259	13.876±0.015	14.576±0.015	79131
51176.2177	13.917±0.015	14.621±0.016	79249
51183.0564	13.933±0.015	14.625±0.015	79462
51185.1879	14.005±0.015	14.626±0.015	79569
51190.2488	13.915±0.015	14.603±0.016	79679
51196.1566	14.004±0.015	14.696±0.015	79780
51208.1906	13.982±0.015	14.676±0.015	79898
51242.1546	13.816±0.015	14.435±0.015	80530
51276.0026	13.944±0.015	14.644±0.015	81478
51286.0081	14.054±0.015	14.750±0.015	82151
51287.0137	14.030±0.015	14.737±0.015	82230
51292.9526	13.994±0.015	14.676±0.015	82830
51299.9653	13.885±0.015	14.553±0.016	83208
51302.9665	13.994±0.015	14.596±0.015	83527

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51305.9569	13.843±0.015	14.538±0.015	83844
51308.9371	13.817±0.015	14.509±0.015	83990
51313.8959	13.796±0.015	14.497±0.015	84312
51317.9458	13.835±0.015	14.527±0.015	84772
51326.9070	13.944±0.015	14.632±0.015	85242
51351.3262	13.848±0.015	14.535±0.016	86524
51394.2185	13.742±0.015	14.396±0.015	89165
51412.2230	13.732±0.015	14.408±0.015	90465
51428.1545	13.906±0.015	14.609±0.015	91459
51432.2890	13.983±0.015	14.694±0.015	91650
51441.0860	13.992±0.015	14.690±0.015	92191
51444.2071	13.939±0.015	14.638±0.015	92356
51451.0559	13.784±0.015	14.466±0.016	92525
51464.1845	13.807±0.015	14.468±0.015	92781
51473.1760	13.853±0.015	14.515±0.015	93098
51484.9572	13.745±0.015	14.406±0.015	93377
51492.1696	13.626±0.015	14.271±0.015	93592
51515.0772	13.925±0.015	14.602±0.015	94163
51516.1459	13.961±0.015	14.620±0.015	94241
51527.2217	14.047±0.015	14.759±0.015	94446
51542.2077	13.793±0.015	14.484±0.015	94655
51547.1410	13.760±0.015	14.452±0.016	94753

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 79.5743.15

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48844.2848	17.659±0.031	18.550±0.072	847
48855.2128	17.181±0.023	18.299±0.067	982
48857.2659	17.094±0.019	18.303±0.050	1084
48893.2490	15.859±0.016	16.916±0.021	1225
48907.0637	15.663±0.016	16.709±0.023	1304
48908.0497	15.628±0.016	16.701±0.024	1319
48910.0531	15.602±0.015	16.662±0.018	1374
48920.0109	15.446±0.015	16.514±0.016	1522
48920.9847	15.434±0.015	16.497±0.017	1573
48924.2110	15.414±0.015	16.463±0.016	1585
48927.9519	15.398±0.016	16.432±0.021	1600
48928.9880	15.399±0.015	16.443±0.017	1666
48929.9357	15.388±0.016	16.461±0.021	1716
48929.9495	15.393±0.015	16.435±0.019	1719
48931.9372	15.395±0.015	16.418±0.020	1801
48938.9651	15.396±0.015	16.425±0.017	1955
48939.9977	15.387±0.015	16.426±0.017	2016
48949.9909	15.397±0.015	16.436±0.016	2158
48965.1410	15.062±0.016	16.037±0.019	2181
48965.9761	15.064±0.016	16.061±0.019	2202
48966.2204	15.061±0.015	16.117±0.017	2240
48967.0945	15.073±0.015	16.058±0.017	2271
48967.2319	15.054±0.016	16.099±0.019	2300
48968.1920	15.085±0.015	16.065±0.017	2304
48968.2334	15.057±0.015	16.106±0.016	2310
48975.0213	15.052±0.016	16.035±0.017	2318
48984.9703	14.974±0.015	15.947±0.016	2332
48986.0000	14.994±0.015	15.959±0.016	2374
48986.1886	14.964±0.015	15.967±0.016	2406
48987.9836	15.003±0.015	15.978±0.015	2415
48988.1117	14.969±0.015	15.937±0.016	2440
48988.1619	14.980±0.015	15.988±0.015	2446
48988.9756	14.998±0.015	15.966±0.016	2465
48989.1666	14.983±0.015	15.980±0.016	2499
48990.1046	15.009±0.015	15.959±0.016	2541
48996.0090	15.047±0.016	16.004±0.019	2548
48997.1742	15.048±0.015	16.042±0.016	2599
48998.9479	15.068±0.015	16.039±0.016	2614
48999.0576	15.057±0.015	16.022±0.016	2637
48999.1807	15.045±0.015	16.050±0.017	2660
49001.1411	15.056±0.018	16.042±0.028	2717
49002.1425	15.056±0.015	16.055±0.016	2769
49004.0439	15.032±0.015	15.993±0.017	2813
49006.9573	15.012±0.015	15.986±0.015	2849
49007.1415	15.004±0.015	16.005±0.016	2884

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49007.9518	14.978±0.015	15.929±0.018	2909
49008.1190	14.974±0.015	15.977±0.016	2933
49011.1224	14.902±0.015	15.905±0.015	2964
49018.9652	14.792±0.015	15.750±0.015	3142
49019.1030	14.788±0.015	15.786±0.015	3167
49021.2200	14.757±0.015	15.756±0.016	3235
49021.9552	14.777±0.015	15.733±0.016	3249
49022.0960	14.778±0.015	15.773±0.015	3272
49024.9464	14.773±0.015	15.714±0.018	3312
49025.9776	14.787±0.015	15.745±0.016	3332
49026.0150	14.784±0.015	15.770±0.016	3338
49026.1924	14.770±0.015	15.768±0.017	3365
49033.0612	14.829±0.015	15.803±0.016	3425
49036.0712	14.852±0.015	15.840±0.016	3493
49041.1915	14.899±0.024	15.827±0.051	3610
49042.1323	14.924±0.019	15.934±0.035	3617
49042.9483	14.956±0.015	15.962±0.016	3621
49044.0471	14.949±0.015	15.927±0.016	3703
49046.0360	14.943±0.015	15.933±0.016	3820
49049.0295	14.953±0.015	15.939±0.016	3914
49050.0840	14.937±0.016	15.923±0.017	3986
49054.0320	14.936±0.015	15.938±0.017	4065
49056.1585	14.899±0.015	15.873±0.019	4099
49060.0613	14.855±0.015	15.829±0.016	4149
49060.9065	14.864±0.015	15.814±0.016	4164
49061.9094	14.864±0.015	15.816±0.015	4205
49062.0896	14.840±0.015	15.816±0.016	4227
49065.0065	14.822±0.015	15.803±0.015	4274
49065.1388	14.796±0.015	15.767±0.016	4298
49065.9831	14.815±0.015	15.794±0.015	4332
49066.1271	14.811±0.015	15.785±0.016	4361
49068.0430	14.835±0.015	15.796±0.016	4445
49068.9634	14.818±0.015	15.792±0.015	4472
49070.0585	14.824±0.015	15.818±0.015	4549
49074.8977	14.813±0.015	15.748±0.016	4595
49075.8890	14.826±0.015	15.748±0.016	4633
49076.9395	14.818±0.015	15.795±0.016	4688
49077.0843	14.802±0.015	15.767±0.016	4714
49077.9295	14.807±0.015	15.782±0.016	4762
49079.1531	14.784±0.015	15.728±0.017	4789
49080.9959	14.784±0.015	15.758±0.016	4832
49084.9283	14.775±0.015	15.736±0.017	5001
49085.9125	14.784±0.015	15.741±0.016	5014
49086.9194	14.784±0.015	15.748±0.016	5023
49087.0372	14.762±0.015	15.713±0.016	5046

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49088.0391	14.778±0.015	15.732±0.016	5095
49088.9330	14.786±0.015	15.745±0.015	5110
49089.9346	14.786±0.015	15.740±0.015	5163
49092.9105	14.849±0.016	15.797±0.019	5246
49093.8788	14.837±0.015	15.795±0.015	5262
49094.8818	14.843±0.015	15.797±0.016	5289
49097.8840	14.875±0.015	15.823±0.016	5573
49098.0117	14.876±0.015	15.827±0.016	5595
49098.8779	14.890±0.015	15.856±0.015	5664
49098.9842	14.882±0.015	15.836±0.016	5687
49099.8715	14.899±0.015	15.854±0.015	5704
49099.9731	14.886±0.015	15.850±0.016	5726
49100.8694	14.904±0.015	15.860±0.017	5810
49100.9722	14.893±0.015	15.847±0.016	5832
49101.8846	14.909±0.015	15.874±0.016	5870
49101.9890	14.900±0.015	15.860±0.016	5892
49103.8807	14.908±0.015	15.877±0.016	5897
49106.9617	14.874±0.015	15.835±0.016	6024
49107.0659	14.886±0.015	15.831±0.017	6046
49107.8981	14.894±0.015	15.851±0.016	6063
49108.0320	14.867±0.015	15.811±0.016	6089
49108.8838	14.889±0.015	15.852±0.016	6126
49111.9445	14.884±0.016	15.824±0.019	6293
49112.8889	14.873±0.015	15.833±0.016	6377
49114.8746	14.817±0.015	15.764±0.016	6464
49116.0350	14.796±0.015	15.730±0.016	6542
49117.8778	14.735±0.015	15.670±0.016	6552
49118.8592	14.717±0.015	15.653±0.016	6641
49123.8660	14.683±0.015	15.615±0.016	6926
49124.8651	14.685±0.015	15.622±0.016	7027
49125.8603	14.687±0.015	15.628±0.015	7131
49126.8610	14.702±0.015	15.636±0.015	7247
49127.8696	14.700±0.015	15.627±0.016	7354
49128.3234	14.704±0.015	15.596±0.016	7459
49133.9232	14.762±0.015	15.693±0.015	7596
49134.8678	14.801±0.015	15.727±0.016	7658
49135.3194	14.819±0.015	15.719±0.016	7751
49135.8491	14.825±0.015	15.759±0.015	7756
49142.2783	15.029±0.016	15.932±0.021	7953
49143.8592	15.081±0.015	16.022±0.017	8033
49144.2631	15.120±0.016	16.005±0.022	8074
49144.8531	15.128±0.015	16.074±0.016	8095
49145.2809	15.163±0.016	16.044±0.020	8176
49152.8482	15.541±0.015	16.477±0.017	8407
49153.2603	15.546±0.016	16.455±0.019	8494

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49153.8559	15.591±0.016	16.518±0.018	8514
49156.8539	15.702±0.016	16.641±0.019	8630
49162.8894	16.025±0.016	16.971±0.020	8826
49164.2582	16.116±0.016	17.042±0.021	9000
49164.8501	16.195±0.016	17.214±0.024	9020
49165.2450	16.183±0.018	17.076±0.030	9103
49165.9009	16.176±0.018	17.079±0.035	9127
49168.3398	16.417±0.033	17.292±0.067	9276
49169.8494	16.740±0.062	17.676±0.152	9282
49172.8467	17.089±0.024	18.003±0.052	9364
49180.2046	18.290±0.065	18.886±0.095	9545
49180.8535	17.881±0.047	18.588±0.086	9559
49181.8679	17.992±0.877	17.559±0.357	9665
49187.2556	18.353±0.089	18.834±0.144	10074
49200.1741	19.223±0.232	19.946±0.607	10575
49205.1297	18.692±0.121	19.232±0.231	10811
49259.2766	18.836±0.400	19.397±0.602	12472
49260.0219	19.501±0.469	20.151±0.987	12477
49287.2513	18.687±0.361	19.194±0.505	13200
49290.2605	18.944±0.155	19.249±0.120	13305
49291.9415	18.716±0.128	19.268±0.224	13323
49319.2200	18.252±0.068	18.962±0.119	13885
49375.0736	16.434±0.018	17.472±0.035	13950
49375.9633	16.445±0.017	17.509±0.028	13975
49376.2478	16.464±0.017	17.625±0.031	14030
49378.9389	16.346±0.019	17.381±0.048	14131
49379.2344	16.344±0.019	17.418±0.049	14181
49381.2547	16.263±0.019	17.359±0.049	14248
49382.0268	16.270±0.016	17.321±0.024	14252
49383.2411	16.235±0.021	17.323±0.061	14284
49384.0103	16.225±0.017	17.365±0.034	14291
49387.2653	16.044±0.021	17.072±0.040	14394
49389.0763	16.054±0.016	17.166±0.021	14400
49390.2069	16.000±0.016	17.138±0.024	14420
49391.2534	15.943±0.016	17.030±0.026	14478
49397.0603	15.836±0.016	16.989±0.021	14500
49399.9346	15.779±0.016	16.832±0.021	14566
49400.2362	15.769±0.016	16.839±0.022	14621
49405.0078	15.747±0.016	16.787±0.021	14643
49405.9870	15.752±0.015	16.817±0.018	14679
49409.1184	15.750±0.016	16.887±0.030	14781
49409.9800	15.775±0.016	16.831±0.019	14801
49409.9944	15.790±0.016	16.825±0.019	14804
49412.9744	15.728±0.016	16.808±0.023	14921
49413.9281	15.736±0.015	16.803±0.016	14932

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49414.9808	15.733±0.017	16.788±0.025	14978
49415.9272	15.734±0.015	16.792±0.016	14993
49416.9202	15.718±0.015	16.767±0.017	15050
49417.9211	15.696±0.015	16.720±0.018	15089
49426.0003	15.524±0.015	16.596±0.017	15239
49426.1991	15.509±0.016	16.555±0.018	15269
49426.9138	15.514±0.015	16.536±0.016	15295
49427.1965	15.501±0.015	16.533±0.018	15344
49427.9398	15.476±0.015	16.480±0.017	15360
49432.9148	15.425±0.015	16.438±0.017	15477
49433.9173	15.414±0.015	16.427±0.017	15515
49435.0037	15.372±0.015	16.437±0.017	15569
49435.1660	15.355±0.016	16.383±0.020	15587
49436.1109	15.353±0.018	16.393±0.035	15605
49436.9201	15.355±0.015	16.368±0.018	15633
49437.8973	15.356±0.015	16.366±0.017	15682
49446.0492	15.157±0.015	16.209±0.016	15863
49446.9955	15.158±0.015	16.202±0.016	15907
49448.0633	15.166±0.015	16.214±0.016	15966
49449.9707	15.131±0.015	16.167±0.016	16106
49450.9643	15.126±0.015	16.175±0.016	16185
49451.9591	15.116±0.015	16.152±0.017	16256
49453.0089	15.111±0.016	16.139±0.019	16327
49455.9437	15.099±0.015	16.118±0.017	16385
49457.0885	15.072±0.015	16.091±0.017	16409
49457.9467	15.101±0.015	16.133±0.016	16453
49458.9091	15.103±0.015	16.145±0.016	16472
49460.9371	15.100±0.015	16.121±0.016	16570
49461.9561	15.133±0.015	16.182±0.016	16642
49462.9304	15.136±0.015	16.164±0.016	16716
49463.9297	15.151±0.015	16.179±0.016	16741
49464.9298	15.157±0.015	16.193±0.016	16811
49465.9405	15.177±0.015	16.200±0.016	16840
49466.9380	15.171±0.015	16.216±0.016	16914
49467.9837	15.180±0.016	16.207±0.019	16985
49471.0462	15.162±0.016	16.170±0.021	17161
49471.9253	15.163±0.015	16.198±0.016	17192
49472.9943	15.168±0.015	16.184±0.016	17211
49474.0132	15.183±0.015	16.203±0.016	17289
49478.9371	15.209±0.015	16.249±0.016	17444
49479.8703	15.207±0.015	16.239±0.016	17520
49483.9557	15.202±0.015	16.224±0.016	17637
49484.8598	15.201±0.015	16.235±0.016	17721
49485.3185	15.202±0.015	16.188±0.017	17799
49485.9237	15.194±0.015	16.219±0.016	17809

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49486.9181	15.185±0.015	16.209±0.018	17883
49487.9489	15.174±0.015	16.193±0.018	17975
49488.3135	15.197±0.015	16.168±0.017	18046
49488.9374	15.177±0.015	16.206±0.016	18058
49489.8964	15.186±0.015	16.197±0.017	18133
49492.9444	15.183±0.016	16.194±0.020	18225
49495.2966	15.186±0.015	16.158±0.017	18346
49498.9205	15.219±0.016	16.215±0.021	18462
49501.3183	15.238±0.016	16.219±0.020	18570
49505.9282	15.213±0.015	16.228±0.017	18728
49509.8988	15.179±0.015	16.201±0.017	18813
49512.8937	15.151±0.016	16.152±0.019	18926
49513.8893	15.148±0.015	16.157±0.017	19023
49514.2986	15.148±0.015	16.127±0.016	19092
49516.8914	15.143±0.016	16.142±0.018	19171
49523.2421	15.161±0.015	16.138±0.017	19490
49523.9021	15.103±0.055	16.008±0.129	19512
49525.8918	15.188±0.016	16.250±0.019	19526
49526.8586	15.181±0.016	16.221±0.021	19573
49530.8784	15.169±0.016	16.181±0.019	19637
49532.2275	15.164±0.015	16.132±0.017	19743
49532.8485	15.132±0.015	16.144±0.016	19765
49533.2992	15.161±0.015	16.136±0.017	19818
49533.8541	15.138±0.017	16.138±0.023	19829
49535.8543	15.236±0.041	16.376±0.129	19968
49537.8556	15.055±0.016	16.046±0.018	20054
49540.2758	15.054±0.015	16.023±0.016	20319
49542.8799	15.028±0.015	16.022±0.016	20482
49543.3294	15.004±0.015	15.970±0.016	20561
49543.8754	15.016±0.015	16.018±0.016	20563
49545.8739	14.974±0.016	15.967±0.019	20606
49547.3077	14.976±0.015	15.936±0.016	20735
49547.8690	14.939±0.015	15.922±0.017	20747
49549.8514	14.916±0.016	15.901±0.019	20859
49550.8573	14.915±0.015	15.909±0.016	20954
49551.2985	14.928±0.015	15.884±0.016	21025
49552.2766	14.913±0.015	15.881±0.017	21038
49552.8489	14.896±0.016	15.878±0.019	21043
49553.3293	14.901±0.015	15.863±0.016	21129
49555.3224	14.873±0.015	15.828±0.017	21244
49556.1579	14.867±0.016	15.815±0.027	21278
49556.1615	14.852±0.016	15.796±0.021	21279
49556.3073	14.856±0.016	15.810±0.019	21310
49556.8465	14.830±0.016	15.813±0.018	21317
49557.3087	14.845±0.015	15.805±0.017	21403

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49558.2537	14.824±0.015	15.758±0.018	21455
49560.1399	14.791±0.015	15.748±0.019	21590
49560.3166	14.810±0.015	15.773±0.016	21620
49563.2029	14.789±0.015	15.737±0.016	21825
49567.3082	14.760±0.015	15.698±0.016	21937
49568.1773	14.751±0.015	15.693±0.016	22000
49570.1618	14.730±0.015	15.666±0.016	22153
49570.3132	14.729±0.015	15.667±0.015	22184
49572.1271	14.711±0.015	15.630±0.017	22244
49572.3164	14.719±0.015	15.654±0.017	22278
49574.1250	14.698±0.015	15.609±0.016	22409
49575.1275	14.709±0.015	15.638±0.016	22494
49575.3126	14.721±0.015	15.652±0.016	22527
49578.1066	14.713±0.015	15.648±0.016	22606
49579.1195	14.714±0.015	15.636±0.016	22692
49579.2959	14.726±0.015	15.654±0.015	22730
49580.1282	14.730±0.015	15.660±0.016	22780
49581.0835	14.712±0.015	15.632±0.016	22855
49581.2957	14.717±0.015	15.644±0.016	22898
49583.1812	14.729±0.015	15.658±0.017	22971
49586.1132	14.704±0.015	15.612±0.019	23040
49589.1538	14.700±0.015	15.607±0.016	23254
49589.3014	14.693±0.015	15.670±0.016	23279
49590.0842	14.693±0.015	15.609±0.016	23306
49592.2984	14.630±0.015	15.582±0.017	23466
49596.1195	14.618±0.015	15.533±0.016	23622
49596.2985	14.615±0.015	15.575±0.016	23646
49597.1130	14.616±0.015	15.541±0.015	23685
49598.1814	14.619±0.015	15.550±0.015	23756
49599.1453	14.619±0.015	15.538±0.016	23816
49599.2804	14.606±0.015	15.577±0.016	23839
49600.1481	14.612±0.015	15.531±0.016	23881
49602.2225	14.625±0.015	15.557±0.016	23906
49603.1050	14.621±0.015	15.545±0.016	23961
49605.1222	14.639±0.015	15.563±0.015	24013
49606.1110	14.640±0.015	15.566±0.015	24088
49607.1134	14.651±0.015	15.577±0.015	24167
49607.2666	14.640±0.015	15.624±0.016	24193
49608.2747	14.632±0.015	15.607±0.017	24258
49609.2732	14.656±0.015	15.627±0.016	24313
49611.2752	14.633±0.015	15.596±0.016	24448
49614.2745	14.633±0.015	15.544±0.016	24581
49619.0795	14.660±0.015	15.572±0.016	24846
49619.2758	14.645±0.015	15.611±0.016	24883
49620.2720	14.661±0.015	15.621±0.017	24958

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49621.1075	14.690±0.015	15.619±0.016	24994
49621.2723	14.678±0.015	15.653±0.016	25020
49624.1099	14.725±0.015	15.629±0.016	25084
49626.0907	14.745±0.015	15.651±0.016	25176
49628.0970	14.797±0.015	15.705±0.016	25230
49629.1499	14.823±0.015	15.735±0.016	25281
49630.1520	14.852±0.015	15.761±0.017	25312
49630.2623	14.855±0.015	15.815±0.016	25334
49631.0748	14.887±0.015	15.807±0.016	25367
49631.2609	14.877±0.015	15.848±0.015	25406
49634.2657	14.985±0.015	15.953±0.016	25476
49635.2483	15.023±0.015	15.984±0.016	25520
49636.0787	15.057±0.015	15.962±0.017	25550
49636.2597	15.044±0.015	16.001±0.017	25586
49637.0511	15.088±0.016	15.988±0.018	25616
49638.1327	15.144±0.015	16.070±0.016	25648
49638.2560	15.134±0.015	16.092±0.016	25666
49639.1028	15.175±0.015	16.103±0.016	25688
49640.0551	15.230±0.015	16.162±0.016	25728
49640.2605	15.229±0.015	16.203±0.016	25766
49641.0898	15.279±0.015	16.216±0.016	25792
49641.2438	15.291±0.015	16.289±0.016	25821
49642.1996	15.351±0.015	16.287±0.016	25853
49642.9987	15.375±0.015	16.320±0.018	25877
49646.2605	15.527±0.016	16.518±0.018	25948
49647.1299	15.598±0.016	16.523±0.019	25963
49648.0422	15.676±0.016	16.606±0.018	25976
49648.9890	15.731±0.016	16.681±0.018	25999
49649.2349	15.719±0.015	16.747±0.017	26048
49649.9850	15.793±0.016	16.743±0.018	26062
49650.2338	15.806±0.016	16.787±0.016	26112
49652.1099	15.917±0.016	16.885±0.019	26142
49654.0502	15.974±0.016	16.896±0.021	26169
49654.2483	16.019±0.016	17.044±0.020	26192
49665.1741	16.997±0.019	17.934±0.035	26261
49666.0298	17.051±0.017	18.102±0.035	26283
49666.9851	17.075±0.019	18.087±0.049	26326
49671.0036	17.403±0.026	18.224±0.044	26423
49671.2092	17.314±0.026	18.289±0.059	26465
49671.9460	17.288±0.036	18.130±0.102	26475
49674.1794	17.697±0.031	18.752±0.076	26533
49675.1857	17.480±0.035	18.301±0.084	26550
49792.1695	18.593±0.114	19.108±0.258	29018
49819.9689	18.792±0.096	19.546±0.216	30119
49831.9484	18.153±0.052	18.932±0.086	30531

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49852.0057	16.784±0.026	17.965±0.105	30912
49858.9410	16.642±0.017	17.813±0.028	31130
49862.9055	16.354±0.018	17.483±0.038	31242
49868.9577	16.253±0.017	17.403±0.028	31406
49874.8817	15.986±0.030	17.044±0.081	31595
49875.8530	16.002±0.016	17.097±0.025	31602
49880.8468	15.829±0.018	16.917±0.036	31642
49884.3263	15.782±0.016	16.837±0.024	31753
49885.8678	15.730±0.016	16.785±0.021	31802
49887.8570	15.687±0.016	16.762±0.019	31920
49889.8497	15.607±0.016	16.691±0.024	32092
49890.8630	15.634±0.015	16.707±0.017	32204
49891.8570	15.616±0.015	16.734±0.018	32318
49895.8428	15.551±0.015	16.602±0.018	32481
49902.3133	15.461±0.015	16.489±0.016	32725
49906.2961	15.392±0.015	16.398±0.018	32849
49913.8683	15.262±0.016	16.268±0.019	32998
49937.2277	15.098±0.015	16.078±0.018	34181
49939.1136	15.106±0.016	16.058±0.022	34371
49942.1219	15.168±0.015	16.148±0.018	34670
49943.1934	15.172±0.015	16.169±0.016	34798
49945.2085	15.195±0.015	16.176±0.017	35008
49953.1859	15.241±0.015	16.231±0.016	35555
49955.1870	15.243±0.016	16.208±0.020	35699
49958.0561	15.283±0.015	16.268±0.016	35861
49962.0695	15.299±0.015	16.280±0.017	36016
49967.1671	15.351±0.015	16.329±0.017	36214
49968.0627	15.361±0.015	16.321±0.019	36275
49970.0263	15.356±0.016	16.325±0.028	36327
49971.0256	15.359±0.016	16.309±0.021	36364
49972.2734	15.405±0.016	16.385±0.022	36438
49973.0391	15.420±0.015	16.393±0.017	36473
49977.0246	15.516±0.016	16.499±0.020	36636
49987.0276	16.161±0.016	17.165±0.026	36855
49995.0409	16.966±0.017	17.982±0.041	37071
49997.0570	17.087±0.021	18.050±0.065	37170
49997.0658	17.066±0.021	17.980±0.057	37172
49997.0747	17.065±0.020	18.002±0.054	37174
49999.0588	17.179±0.021	18.202±0.067	37310
50006.0352	17.796±0.023	18.959±0.055	37460
50007.0567	17.656±0.025	18.696±0.062	37544
50020.1283	17.098±0.023	18.070±0.047	37765
50022.9998	16.968±0.021	17.936±0.054	37838
50029.9837	16.808±0.018	17.793±0.034	37908
50029.9926	16.770±0.019	17.811±0.047	37910

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50030.0014	16.762±0.021	17.719±0.055	37912
50032.0210	16.870±0.061	17.770±0.155	37947
50033.9840	16.906±0.019	17.979±0.040	37996
50033.9928	16.895±0.018	17.935±0.034	37998
50034.0016	16.887±0.018	17.914±0.034	38000
50037.0073	17.063±0.018	18.172±0.033	38023
50047.0123	17.352±0.025	18.236±0.046	38189
50049.0066	17.718±0.021	18.913±0.054	38278
50049.0155	17.747±0.022	18.927±0.050	38280
50049.0244	17.745±0.021	18.961±0.059	38282
50064.0078	17.635±0.032	18.523±0.062	38518
50068.0384	17.799±0.027	18.931±0.079	38607
50071.9774	17.971±0.027	19.192±0.077	38627
50073.0203	17.571±0.031	18.486±0.066	38682
50073.0304	17.604±0.033	18.482±0.067	38684
50073.0392	17.615±0.031	18.514±0.058	38686
50074.0240	17.473±0.132	18.611±0.455	38726
50074.0460	17.719±0.029	18.757±0.078	38728
50074.9800	17.813±0.033	18.872±0.089	38740
50074.9908	17.718±0.028	18.788±0.073	38742
50084.1789	17.996±0.035	19.150±0.088	38844
50109.0339	18.962±0.054	20.319±0.181	39228
50124.9799	18.923±0.078	19.641±0.136	39443
50130.9245	18.657±0.072	19.416±0.150	39758
50136.0021	18.201±0.073	18.748±0.095	39950
50139.0153	18.537±0.050	19.586±0.109	39995
50141.9641	18.248±0.040	19.371±0.118	40063
50154.1954	17.191±0.029	18.243±0.099	40230
50156.0275	17.384±0.020	18.596±0.045	40341
50161.1516	17.115±0.020	18.273±0.045	40532
50162.0163	17.035±0.019	18.219±0.041	40570
50167.9604	16.929±0.024	18.083±0.053	40703
50169.1195	16.812±0.020	17.857±0.037	40755
50170.0054	16.871±0.016	18.181±0.034	40818
50170.9403	16.780±0.016	17.988±0.033	40835
50172.9967	16.719±0.018	17.805±0.036	40911
50173.9818	16.751±0.016	17.951±0.036	40996
50174.9684	16.649±0.019	17.745±0.055	41076
50178.9422	16.667±0.018	17.882±0.046	41265
50181.9616	16.673±0.018	17.800±0.036	41337
50183.9611	16.675±0.173	17.645±0.477	41413
50186.8881	16.561±0.018	17.722±0.037	41496
50188.8954	16.597±0.018	17.725±0.034	41541
50193.8911	16.475±0.016	17.622±0.027	41679
50198.9337	16.293±0.017	17.464±0.036	41892

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50199.9276	16.261±0.016	17.446±0.030	42006
50201.9235	16.213±0.016	17.397±0.024	42237
50202.8733	16.154±0.018	17.298±0.040	42344
50202.9109	16.166±0.016	17.298±0.027	42346
50203.8672	16.113±0.016	17.261±0.022	42354
50206.9051	15.945±0.016	17.068±0.026	42367
50210.0186	15.792±0.019	16.897±0.040	42386
50210.9692	15.766±0.016	16.830±0.024	42433
50212.8880	15.795±0.015	16.911±0.017	42448
50213.9383	15.709±0.016	16.826±0.019	42536
50214.9134	15.717±0.016	16.812±0.021	42610
50216.9000	15.664±0.016	16.744±0.020	42718
50217.9477	15.648±0.015	16.735±0.016	42809
50218.8558	15.651±0.015	16.782±0.017	42889
50219.8903	15.640±0.015	16.765±0.017	42977
50220.8636	15.597±0.016	16.678±0.019	43080
50221.8588	15.598±0.016	16.680±0.018	43143
50223.9481	15.543±0.016	16.583±0.021	43183
50226.8710	15.520±0.015	16.592±0.017	43437
50227.8593	15.510±0.015	16.573±0.018	43491
50228.8683	15.537±0.015	16.602±0.016	43613
50229.8679	15.505±0.015	16.579±0.017	43736
50230.9342	15.491±0.016	16.561±0.022	43866
50232.8579	15.498±0.015	16.582±0.017	44019
50233.9233	15.456±0.016	16.534±0.021	44146
50234.8686	15.456±0.015	16.526±0.018	44247
50236.8546	15.434±0.016	16.509±0.018	44358
50239.3084	15.432±0.016	16.433±0.022	44453
50239.8529	15.393±0.015	16.447±0.016	44462
50242.8551	15.341±0.015	16.392±0.017	44640
50243.8587	15.319±0.015	16.350±0.017	44724
50244.8618	15.320±0.015	16.359±0.016	44817
50245.8509	15.292±0.015	16.340±0.016	44925
50246.8589	15.282±0.015	16.324±0.017	45025
50246.8900	15.303±0.019	16.360±0.035	45032
50247.8563	15.258±0.015	16.300±0.016	45137
50249.2797	15.240±0.016	16.244±0.021	45190
50254.8534	15.164±0.015	16.186±0.016	45305
50255.8481	15.157±0.015	16.185±0.016	45426
50258.8773	15.060±0.015	16.074±0.017	45542
50264.8916	14.935±0.015	15.959±0.019	45766
50271.8788	14.911±0.015	15.896±0.016	45979
50272.2397	14.948±0.015	15.910±0.017	46050
50277.2431	15.036±0.015	16.022±0.016	46282
50277.8566	14.994±0.019	16.005±0.039	46297

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50279.1878	15.045±0.015	16.019±0.017	46440
50294.2275	15.247±0.016	16.227±0.021	46543
50297.2438	15.253±0.016	16.233±0.021	46622
50300.3247	15.249±0.016	16.221±0.019	46667
50302.2571	15.233±0.015	16.213±0.018	46777
50304.1925	15.207±0.015	16.189±0.018	46916
50305.1966	15.206±0.015	16.195±0.017	47037
50306.2037	15.201±0.015	16.204±0.015	47157
50308.1224	15.175±0.015	16.156±0.018	47341
50313.1608	15.116±0.015	16.102±0.016	47660
50316.1784	15.100±0.015	16.094±0.016	47850
50319.1602	15.075±0.015	16.067±0.017	47965
50320.1710	15.071±0.015	16.066±0.016	48080
50321.1590	15.066±0.015	16.046±0.016	48152
50328.2329	14.979±0.015	15.934±0.017	48279
50329.1905	14.971±0.015	15.941±0.016	48305
50330.2385	14.943±0.015	15.897±0.017	48359
50331.2790	14.933±0.015	15.884±0.016	48388
50336.1651	14.920±0.015	15.873±0.016	48472
50337.1291	14.906±0.015	15.861±0.015	48529
50341.2586	14.866±0.015	15.814±0.016	48549
50344.1935	14.869±0.015	15.819±0.017	48689
50347.2041	14.812±0.015	15.753±0.016	48782
50351.0067	14.744±0.015	15.672±0.017	48943
50353.9915	14.708±0.015	15.635±0.016	49079
50360.0654	14.656±0.015	15.584±0.015	49130
50361.0053	14.651±0.015	15.573±0.015	49190
50364.9835	14.634±0.015	15.557±0.016	49235
50367.0838	14.627±0.015	15.542±0.015	49334
50372.2530	14.599±0.015	15.527±0.016	49654
50375.2672	14.570±0.015	15.481±0.016	49716
50377.2511	14.553±0.015	15.467±0.016	49778
50388.2508	14.461±0.015	15.364±0.016	50058
50395.2261	14.481±0.015	15.389±0.015	50162
50397.0797	14.503±0.015	15.416±0.015	50234
50399.9704	14.508±0.015	15.420±0.016	50352
50408.0216	14.556±0.015	15.468±0.016	50609
50413.0339	14.525±0.015	15.439±0.016	50798
50421.0367	14.462±0.015	15.376±0.015	51021
50421.9909	14.456±0.015	15.380±0.015	51050
50423.1482	14.445±0.015	15.357±0.016	51078
50424.9950	14.467±0.015	15.382±0.015	51101
50429.0017	14.490±0.015	15.410±0.015	51222
50430.0694	14.494±0.015	15.408±0.015	51298
50432.0155	14.513±0.015	15.470±0.016	51340

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50433.0447	14.519±0.015	15.468±0.015	51408
50434.0158	14.517±0.015	15.471±0.016	51450
50436.0640	14.546±0.015	15.505±0.015	51500
50437.0965	14.572±0.015	15.478±0.016	51518
50438.0001	14.577±0.015	15.491±0.015	51553
50440.1196	14.597±0.015	15.503±0.017	51662
50445.0564	14.617±0.015	15.571±0.016	51767
50446.0173	14.625±0.015	15.594±0.015	51813
50448.1268	14.634±0.016	15.590±0.020	51865
50449.0334	14.640±0.015	15.597±0.015	51868
50449.9836	14.654±0.015	15.578±0.015	51876
50451.0351	14.653±0.017	15.614±0.021	51930
50451.1557	14.655±0.015	15.623±0.015	51932
50451.9548	14.652±0.016	15.571±0.019	51954
50453.0375	14.671±0.015	15.639±0.015	52008
50454.0660	14.668±0.015	15.632±0.016	52070
50456.0056	14.662±0.015	15.623±0.015	52096
50457.0476	14.663±0.015	15.627±0.015	52166
50458.0238	14.654±0.015	15.614±0.015	52216
50460.1940	14.636±0.016	15.585±0.017	52235
50461.0102	14.598±0.018	15.563±0.025	52246
50462.2315	14.569±0.015	15.518±0.015	52308
50462.9992	14.558±0.015	15.513±0.016	52319
50464.1695	14.524±0.015	15.476±0.015	52378
50465.9966	14.486±0.015	15.434±0.015	52401
50468.0203	14.459±0.015	15.408±0.016	52421
50469.0418	14.352±0.017	15.339±0.017	52491
50470.1056	14.382±0.017	15.330±0.017	52540
50471.0041	14.452±0.015	15.400±0.016	52571
50480.2412	14.426±0.015	15.400±0.015	52721
50483.1443	14.412±0.015	15.348±0.016	52773
50485.2162	14.418±0.015	15.350±0.016	52862
50487.0356	14.441±0.015	15.380±0.015	52903
50495.0636	14.470±0.015	15.401±0.015	53063
50496.0426	14.466±0.015	15.402±0.015	53124
50498.1747	14.461±0.015	15.386±0.015	53244
50498.2662	14.451±0.015	15.358±0.016	53262
50502.1246	14.437±0.015	15.373±0.016	53356
50521.9880	14.523±0.015	15.452±0.015	53833
50523.1011	14.517±0.015	15.440±0.015	53941
50523.9973	14.517±0.015	15.441±0.016	53989
50526.0309	14.505±0.015	15.436±0.015	54021
50528.1271	14.473±0.015	15.391±0.016	54173
50530.0128	14.445±0.015	15.385±0.016	54230
50533.9562	14.433±0.015	15.377±0.015	54421

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50535.0721	14.434±0.015	15.365±0.016	54544
50535.9879	14.419±0.015	15.350±0.015	54618
50542.0778	14.382±0.015	15.302±0.016	54822
50543.9566	14.386±0.015	15.319±0.015	54960
50548.0603	14.411±0.015	15.338±0.015	55333
50550.9803	14.440±0.015	15.372±0.015	55451
50553.0155	14.461±0.015	15.372±0.016	55633
50554.0618	14.526±0.015	15.454±0.016	55686
50555.0518	14.481±0.015	15.401±0.016	55740
50556.9786	14.464±0.015	15.367±0.017	55858
50565.0236	14.460±0.015	15.383±0.016	56052
50566.9544	14.438±0.015	15.372±0.015	56265
50568.9691	14.385±0.015	15.298±0.015	56423
50572.9584	14.304±0.015	15.207±0.015	56722
50576.8873	14.234±0.015	15.133±0.016	56858
50579.8769	14.201±0.015	15.105±0.015	57083
50595.8766	14.332±0.015	15.233±0.016	57555
50599.8917	14.302±0.015	15.188±0.015	57851
50602.8876	14.313±0.015	15.212±0.015	58112
50608.9476	14.320±0.015	15.207±0.015	58629
50617.8941	14.406±0.015	15.317±0.016	59278
50620.2870	14.463±0.015	15.330±0.016	59509
50630.8567	14.408±0.015	15.315±0.016	59785
50640.2015	14.290±0.015	15.166±0.016	60534
50642.8540	14.278±0.015	15.181±0.016	60629
50647.3171	14.290±0.015	15.165±0.016	60941
50657.1844	14.351±0.015	15.213±0.016	61644
50659.1910	14.377±0.015	15.243±0.016	61833
50660.1865	14.377±0.015	15.245±0.015	61935
50663.1885	14.393±0.015	15.261±0.015	62230
50664.3166	14.394±0.015	15.262±0.015	62361
50671.2308	14.374±0.015	15.243±0.016	62697
50674.1925	14.371±0.015	15.234±0.016	62856
50682.1018	14.310±0.015	15.182±0.015	63501
50700.1118	14.281±0.015	15.148±0.015	64086
50705.0561	14.344±0.015	15.209±0.016	64311
50708.1664	14.382±0.015	15.247±0.016	64410
50720.0200	14.436±0.015	15.299±0.016	64720
50720.9937	14.420±0.015	15.286±0.016	64795
50722.9868	14.424±0.015	15.291±0.015	64953
50730.2210	14.348±0.015	15.222±0.015	65246
50732.1023	14.356±0.015	15.224±0.016	65345
50734.0307	14.324±0.015	15.187±0.016	65472
50737.9802	14.295±0.015	15.166±0.016	65748
50739.9926	14.284±0.015	15.152±0.016	65873

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50741.9582	14.271±0.015	15.135±0.015	65928
50784.1966	14.266±0.015	15.129±0.016	66936
50802.0462	14.310±0.015	15.185±0.015	67281
50804.2160	14.316±0.015	15.220±0.015	67373
50819.1118	14.392±0.015	15.318±0.015	67715
50825.2370	14.376±0.015	15.291±0.016	67755
50831.0645	14.392±0.015	15.315±0.016	67846
50834.2321	14.374±0.015	15.287±0.015	67916
50837.0944	14.370±0.015	15.279±0.015	68040
50846.2232	14.339±0.015	15.245±0.015	68387
50848.0399	14.322±0.015	15.230±0.016	68409
50851.0648	14.355±0.015	15.263±0.016	68456
50857.1413	14.449±0.015	15.351±0.016	68516
50863.0469	14.604±0.015	15.507±0.015	68730
50863.9833	14.611±0.015	15.513±0.016	68785
50866.0249	14.712±0.015	15.612±0.015	68907
50867.0051	14.734±0.015	15.628±0.016	68960
50867.9900	14.799±0.015	15.696±0.016	69009
50869.0701	14.861±0.015	15.780±0.015	69083
50870.0272	14.913±0.015	15.827±0.016	69143
50871.0969	14.975±0.015	15.885±0.016	69227
50876.1493	15.438±0.015	16.348±0.016	69402
50879.0226	15.766±0.017	16.676±0.021	69454
50881.1507	16.002±0.016	16.899±0.024	69549
50882.1396	16.154±0.016	17.030±0.022	69621
50884.0427	16.363±0.016	17.348±0.028	69767
50886.9642	16.786±0.018	17.677±0.035	69879
50910.0903	18.934±0.119	19.200±0.129	70210
51034.1382	18.470±0.247	18.713±0.320	75240
51089.0865	18.330±0.200	18.888±0.367	77229
51106.1943	18.577±0.071	19.096±0.092	77672
51140.1011	18.027±0.038	19.073±0.096	78567
51144.1884	18.081±0.031	19.273±0.085	78649
51154.1076	17.467±0.033	18.480±0.097	78855
51173.0445	17.164±0.018	18.428±0.042	79190
51176.0724	17.019±0.024	18.192±0.064	79223
51180.0580	16.903±0.025	18.304±0.105	79309
51183.0653	16.840±0.019	17.933±0.037	79464
51184.1989	16.875±0.016	18.199±0.041	79521
51185.2058	16.832±0.017	18.059±0.045	79573
51203.9704	16.550±0.018	17.698±0.035	79808
51208.2477	16.343±0.017	17.523±0.039	79910
51229.1506	15.925±0.015	17.106±0.019	80246
51232.0451	15.943±0.015	17.115±0.019	80323
51241.9734	15.772±0.015	16.899±0.017	80492

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51242.1165	15.745±0.016	16.866±0.025	80522
51246.1360	15.727±0.017	16.785±0.029	80631
51248.0921	15.730±0.015	16.820±0.018	80781
51249.9213	15.735±0.015	16.818±0.018	80797
51251.0584	15.711±0.015	16.801±0.018	80915
51251.9044	15.729±0.015	16.912±0.018	80974
51263.0967	15.595±0.016	16.664±0.021	81303
51275.9232	15.540±0.015	16.606±0.016	81460
51280.0642	15.490±0.016	16.529±0.019	81747
51285.0145	15.490±0.015	16.569±0.017	82064
51298.8783	15.627±0.020	16.651±0.040	83092
51300.9426	15.587±0.031	16.633±0.078	83279
51302.8524	15.665±0.015	16.712±0.017	83503
51304.8614	15.695±0.015	16.764±0.016	83713
51306.8635	15.698±0.015	16.747±0.017	83874
51308.8550	15.676±0.015	16.749±0.016	83973
51314.8491	15.664±0.015	16.721±0.016	84406
51315.9403	15.646±0.016	16.688±0.021	84536
51317.8902	15.623±0.016	16.690±0.018	84760
51333.8609	15.201±0.015	16.237±0.016	85498
51340.8844	14.986±0.015	15.994±0.016	85800
51348.8355	14.906±0.015	15.893±0.018	86221
51353.8851	14.882±0.015	15.862±0.016	86710
51384.2840	14.869±0.015	15.808±0.016	88416
51395.1971	14.835±0.015	15.787±0.016	89264
51401.2302	14.856±0.015	15.815±0.016	89596
51405.2336	14.880±0.015	15.832±0.016	89819
51408.1709	14.955±0.015	15.904±0.016	90107
51411.2697	14.979±0.015	15.933±0.016	90347
51414.1740	15.029±0.018	15.979±0.035	90635
51421.1460	15.133±0.015	16.084±0.017	91052
51424.1657	15.188±0.015	16.165±0.016	91242
51427.1686	15.240±0.015	16.181±0.018	91371
51430.1370	15.281±0.016	16.246±0.018	91542
51436.0832	15.447±0.015	16.414±0.016	91989
51447.0655	15.551±0.016	16.494±0.020	92439
51515.9609	18.371±0.169	19.072±0.347	94201
51519.0212	18.807±0.080	19.627±0.169	94273
51543.2329	18.185±0.056	18.949±0.103	94695

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 80.6956.207

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48918.1656	15.047±0.015	16.054±0.015	1487
48918.2405	15.064±0.015	16.070±0.015	1500
48966.2249	15.039±0.015	16.067±0.016	2241
48967.2364	15.046±0.016	16.082±0.018	2301
48968.2015	15.066±0.015	16.108±0.016	2306
48968.2379	15.077±0.015	16.113±0.016	2311
48986.1304	15.181±0.015	16.221±0.016	2401
48988.1215	15.186±0.015	16.222±0.016	2442
48988.1668	15.169±0.015	16.214±0.015	2447
48989.1231	15.189±0.015	16.232±0.016	2494
48989.1714	15.176±0.015	16.210±0.016	2500
48990.1092	15.187±0.016	16.223±0.018	2542
48997.0644	15.065±0.015	16.115±0.016	2578
48999.0623	15.027±0.015	16.074±0.016	2638
49004.0485	14.996±0.016	16.035±0.018	2814
49012.0373	15.024±0.015	16.071±0.017	2979
49015.1484	15.102±0.015	16.118±0.016	2998
49021.2064	15.268±0.015	16.286±0.016	3232
49026.1973	15.523±0.016	16.549±0.019	3366
49033.0659	15.896±0.016	16.933±0.018	3426
49035.0188	16.022±0.016	17.069±0.018	3489
49042.9529	16.976±0.016	18.079±0.021	3622
49044.0517	17.130±0.017	18.240±0.025	3704
49046.0405	17.388±0.018	18.543±0.028	3821
49049.0340	17.659±0.021	18.797±0.046	3915
49054.0368	17.916±0.030	19.253±0.143	4066
49060.0658	17.936±0.024	19.158±0.070	4150
49065.0111	17.943±0.019	19.171±0.036	4275
49068.0530	17.897±0.025	19.068±0.066	4447
49068.9683	17.923±0.018	19.173±0.030	4473
49076.9442	18.041±0.026	19.196±0.064	4689
49081.0006	18.204±0.025	19.374±0.078	4833
49084.9328	18.158±0.037	19.362±0.144	5002
49086.9249	18.215±0.031	19.489±0.101	5024
49087.0418	18.184±0.038	19.428±0.140	5047
49088.0436	18.140±0.032	19.340±0.099	5096
49089.9415	18.118±0.020	19.367±0.042	5165
49092.9907	18.167±0.030	19.383±0.086	5247
49093.8837	18.111±0.023	19.406±0.054	5263
49098.8870	17.986±0.019	19.212±0.034	5666
49098.9887	18.076±0.021	19.259±0.046	5688
49099.8761	17.961±0.019	19.173±0.032	5705
49099.9776	17.958±0.021	19.193±0.045	5727
49103.8851	17.864±0.019	19.088±0.035	5898
49106.9662	17.761±0.022	18.908±0.056	6025

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49107.9037	17.742±0.019	18.921±0.044	6064
49108.8882	17.578±0.019	18.812±0.043	6127
49112.8948	17.360±0.019	18.554±0.045	6378
49114.8790	17.231±0.019	18.470±0.044	6465
49117.8823	17.094±0.017	18.269±0.026	6553
49118.8636	17.040±0.021	18.214±0.046	6642
49120.8701	16.963±0.018	18.138±0.030	6703
49123.8705	16.845±0.017	18.030±0.024	6927
49124.8695	16.800±0.017	17.966±0.023	7028
49125.8648	16.763±0.016	17.935±0.019	7132
49126.8655	16.721±0.016	17.900±0.021	7248
49127.8740	16.665±0.016	17.815±0.021	7355
49134.8722	16.398±0.016	17.545±0.020	7659
49135.8535	16.338±0.016	17.503±0.019	7757
49143.8636	15.951±0.016	17.062±0.021	8034
49144.8575	15.921±0.015	17.025±0.017	8096
49152.8526	15.739±0.015	16.823±0.017	8408
49153.8603	15.732±0.016	16.783±0.017	8515
49156.8583	15.634±0.016	16.723±0.017	8631
49163.8559	15.502±0.015	16.564±0.017	8920
49164.8545	15.495±0.016	16.546±0.018	9021
49169.8538	15.464±0.027	16.510±0.062	9283
49169.8748	15.545±0.044	16.622±0.119	9286
49170.2655	15.474±0.016	16.555±0.018	9322
49172.8511	15.472±0.016	16.524±0.019	9365
49179.2484	15.447±0.015	16.518±0.018	9519
49257.2924	15.258±0.016	16.313±0.017	12367
49266.2716	15.259±0.015	16.273±0.016	12590
49288.2553	15.088±0.016	16.119±0.018	13251
49291.2297	15.064±0.015	16.114±0.018	13312
49292.2313	15.071±0.015	16.112±0.016	13375
49303.2267	15.098±0.015	16.098±0.016	13424
49313.2107	15.220±0.015	16.257±0.016	13664
49372.2131	15.108±0.016	16.097±0.017	13894
49381.2594	15.050±0.016	16.063±0.020	14249
49385.1784	15.104±0.015	16.120±0.016	14310
49407.1341	15.284±0.015	16.331±0.017	14737
49426.0743	15.277±0.015	16.307±0.016	15243
49426.9183	15.240±0.015	16.272±0.016	15296
49439.0138	15.133±0.016	16.179±0.019	15725
49446.0582	15.256±0.015	16.258±0.016	15864
49447.0000	15.225±0.015	16.241±0.016	15908
49449.9810	15.295±0.015	16.286±0.016	16107
49450.9741	15.295±0.015	16.280±0.016	16186
49451.9694	15.305±0.015	16.278±0.016	16257

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49461.9606	15.246±0.015	16.223±0.016	16643
49462.9348	15.245±0.015	16.218±0.016	16717
49463.9341	15.215±0.015	16.205±0.016	16742
49464.9342	15.174±0.015	16.187±0.016	16812
49465.9450	15.218±0.015	16.207±0.016	16841
49465.9583	15.245±0.015	16.201±0.016	16844
49466.9741	15.205±0.015	16.196±0.016	16922
49471.0506	15.131±0.016	16.134±0.021	17162
49471.9298	15.152±0.015	16.149±0.016	17193
49478.9416	15.155±0.015	16.160±0.015	17445
49481.9868	15.112±0.015	16.131±0.016	17606
49484.8642	15.215±0.015	16.177±0.015	17722
49485.9307	15.192±0.015	16.184±0.016	17810
49489.9008	15.207±0.016	16.196±0.018	18134
49509.9032	15.362±0.015	16.385±0.016	18814
49512.8981	15.372±0.016	16.399±0.017	18927
49532.8529	15.614±0.015	16.616±0.017	19766
49535.8607	15.653±0.017	16.689±0.024	19969
49542.2679	15.706±0.015	16.784±0.017	20460
49547.8791	15.783±0.016	16.820±0.024	20748
49550.8662	15.685±0.015	16.733±0.018	20955
49552.8570	15.630±0.017	16.680±0.026	21044
49557.8497	15.569±0.016	16.605±0.018	21411
49591.2809	15.449±0.015	16.434±0.016	23385
49605.2910	15.498±0.015	16.468±0.016	24044
49606.2887	15.526±0.015	16.489±0.016	24121
49610.2801	15.426±0.016	16.433±0.018	24369
49611.2796	15.405±0.016	16.441±0.018	24449
49619.2808	15.477±0.015	16.507±0.018	24884
49621.2769	15.489±0.015	16.536±0.017	25021
49630.2666	15.671±0.015	16.740±0.017	25335
49631.2653	15.750±0.015	16.757±0.016	25407
49634.2700	15.764±0.016	16.812±0.018	25477
49635.2527	15.770±0.015	16.828±0.017	25521
49636.2685	15.774±0.016	16.846±0.019	25588
49638.2688	15.798±0.015	16.877±0.017	25668
49640.2660	15.848±0.015	16.923±0.017	25767
49641.2570	15.908±0.015	16.959±0.016	25824
49642.2645	15.921±0.015	17.006±0.017	25864
49649.2411	16.203±0.016	17.317±0.017	26049
49650.2387	16.247±0.016	17.371±0.017	26113
49654.2527	16.394±0.016	17.508±0.021	26193
49666.2176	16.903±0.016	18.075±0.019	26313
49667.2098	17.022±0.016	18.166±0.019	26371
49682.2052	16.985±0.017	18.189±0.027	26652

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49718.1317	16.594±0.016	17.780±0.019	27523
49738.2106	16.564±0.078	17.731±0.241	27765
49738.2225	16.499±0.017	17.647±0.030	27766
49749.0333	16.524±0.017	17.694±0.024	28111
49756.1279	16.496±0.016	17.619±0.017	28365
49757.1805	16.515±0.017	17.639±0.024	28396
49768.0887	16.697±0.017	17.867±0.035	28623
49808.9669	17.224±0.017	18.480±0.026	29738
49819.9751	16.289±0.018	17.478±0.035	30120
49824.9500	16.081±0.016	17.207±0.026	30229
49831.9529	15.913±0.016	17.001±0.019	30532
49866.8685	15.324±0.015	16.362±0.016	31365
49872.9274	15.260±0.015	16.301±0.016	31498
49887.8627	15.356±0.015	16.378±0.016	31921
49895.8473	15.485±0.015	16.502±0.017	32482
50087.1450	15.922±0.016	17.014±0.019	38851
50090.0220	15.961±0.015	17.049±0.018	38914
50096.0290	16.006±0.015	17.093±0.017	39033
50096.0379	16.001±0.015	17.083±0.017	39035
50096.0468	16.011±0.015	17.093±0.017	39037
50106.0253	16.012±0.015	17.108±0.017	39121
50109.0387	16.106±0.015	17.189±0.016	39229
50124.1006	17.261±0.018	18.414±0.031	39407
50127.9590	17.600±0.017	18.789±0.027	39608
50128.0041	17.606±0.018	18.777±0.030	39618
50128.0085	17.601±0.018	18.773±0.030	39619
50134.9335	18.170±0.021	19.389±0.052	39910
50140.0231	18.644±0.024	19.821±0.052	40026
50140.0319	18.615±0.022	19.822±0.047	40028
50140.0407	18.613±0.024	19.902±0.060	40030
50141.9321	18.772±0.035	20.025±0.134	40056
50141.9500	18.794±0.038	20.158±0.163	40060
50148.2165	18.896±0.126	19.672±0.462	40148
50154.1999	19.151±0.090	20.345±0.387	40231
50160.0034	19.318±0.074	20.436±0.229	40473
50162.0210	19.269±0.046	20.490±0.154	40571
50168.1746	19.331±0.122	20.093±0.348	40705
50173.9863	19.872±0.057	22.005±0.896	40997
50185.9308	19.696±0.050	20.928±0.166	41436
50192.9030	19.448±0.064	20.864±0.254	41622
50198.9381	19.097±0.076	20.266±0.264	41893
50210.9750	18.009±0.028	19.187±0.077	42434
50213.9427	17.815±0.025	19.138±0.071	42537
50216.9044	17.619±0.022	18.791±0.051	42719
50218.0067	17.566±0.018	18.798±0.033	42822

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50221.8633	17.552±0.029	18.766±0.076	43144
50223.9526	17.299±0.019	18.474±0.043	43184
50224.8638	17.304±0.017	18.524±0.027	43275
50227.8637	17.163±0.018	18.360±0.032	43492
50228.8727	17.115±0.016	18.312±0.024	43614
50229.8723	17.041±0.017	18.246±0.027	43737
50230.9386	16.932±0.024	18.082±0.068	43867
50232.8624	17.019±0.017	18.154±0.026	44020
50233.8700	16.884±0.022	18.036±0.055	44134
50234.8730	16.874±0.017	18.060±0.032	44248
50236.8594	16.770±0.017	17.998±0.034	44359
50239.8573	16.665±0.016	17.865±0.021	44463
50242.8599	16.594±0.016	17.765±0.021	44641
50243.8632	16.602±0.016	17.755±0.021	44725
50244.8662	16.572±0.016	17.724±0.019	44818
50245.8553	16.556±0.016	17.703±0.021	44926
50246.8633	16.594±0.018	17.754±0.030	45026
50246.8944	16.441±0.017	17.601±0.024	45033
50247.8607	16.412±0.016	17.583±0.019	45138
50254.8578	16.185±0.016	17.324±0.019	45306
50258.8816	16.097±0.016	17.216±0.022	45543
50264.2677	16.113±0.016	17.225±0.024	45752
50277.8610	16.078±0.016	17.133±0.021	46298
50342.1145	15.493±0.015	16.571±0.018	48566
50343.1483	15.495±0.016	16.583±0.018	48625
50344.1979	15.477±0.016	16.582±0.021	48690
50345.2214	15.528±0.024	16.616±0.067	48748
50347.2091	15.505±0.015	16.576±0.016	48783
50360.0698	15.482±0.015	16.570±0.016	49131
50361.0096	15.496±0.015	16.581±0.016	49191
50370.0486	15.440±0.015	16.515±0.016	49464
50371.0300	15.410±0.015	16.479±0.016	49531
50372.0162	15.404±0.015	16.475±0.016	49603
50375.0335	15.376±0.015	16.444±0.016	49665
50385.0766	15.409±0.016	16.477±0.018	49961
50386.0005	15.384±0.015	16.446±0.016	49999
50405.9929	15.878±0.015	16.963±0.017	50479
50434.0203	16.169±0.018	17.248±0.031	51451
50445.0608	16.243±0.016	17.365±0.018	51768
50463.0037	17.167±0.021	18.333±0.047	52320
50479.0344	19.792±0.038	20.972±0.101	52616
50487.0003	20.546±0.100	21.695±0.304	52895
50492.9771	20.667±0.122	21.491±0.226	52969
50495.0548	20.524±0.112	21.796±0.449	53061
50496.0302	20.417±0.109	21.466±0.312	53122

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50496.9967	20.584±0.109	21.833±0.392	53179
50510.9792	19.847±0.054	21.190±0.194	53532
50518.9800	20.203±0.059	21.632±0.236	53648
50521.9748	20.313±0.140	21.259±0.323	53830
50523.0718	20.134±0.080	21.140±0.203	53935
50523.9664	20.311±0.089	21.704±0.395	53982
50526.0000	20.372±0.097	21.761±0.446	54014
50532.9477	20.110±0.125	21.361±0.585	54393
50534.9837	19.837±0.119	20.975±0.393	54524
50535.9526	19.885±0.069	21.058±0.212	54610
50537.9676	19.620±0.070	20.699±0.188	54665
50540.9398	19.643±0.043	20.900±0.128	54783
50542.1359	19.409±0.079	20.661±0.287	54833
50544.0009	19.441±0.060	20.459±0.150	54970
50547.0214	19.353±0.035	20.727±0.140	55237
50548.0648	19.234±0.040	20.516±0.157	55334
50550.9671	19.082±0.033	20.452±0.118	55448
50552.9743	18.864±0.065	20.093±0.255	55627
50555.0235	18.860±0.031	20.263±0.143	55734
50556.9477	18.595±0.050	19.685±0.195	55851
50566.9191	18.564±0.025	19.910±0.080	56257
50568.9309	18.551±0.030	19.879±0.112	56415
50572.8877	18.679±0.055	20.117±0.202	56713
50581.8877	19.155±0.033	20.317±0.095	57259
50598.9531	18.257±0.028	19.484±0.090	57754
50601.8971	18.070±0.028	19.447±0.092	58055
50603.8809	17.988±0.020	19.262±0.048	58193
50642.3220	16.755±0.017	18.020±0.031	60624
50704.0901	15.703±0.016	16.820±0.019	64255
50714.0353	15.612±0.016	16.726±0.023	64462
50717.1542	15.586±0.015	16.665±0.016	64577
50720.0480	15.502±0.015	16.570±0.017	64726
50743.0474	15.419±0.015	16.466±0.016	66024
50813.1598	15.482±0.015	16.511±0.016	67627
50825.1913	16.087±0.016	17.149±0.021	67745
50831.0455	16.642±0.017	17.718±0.025	67842
50834.2231	16.932±0.017	18.036±0.024	67914
50837.0893	17.325±0.018	18.477±0.032	68039
50857.1323	18.588±0.031	19.834±0.146	68514
50861.0367	18.899±0.047	20.271±0.216	68600
50862.0238	18.928±0.031	20.137±0.101	68655
50863.0420	18.889±0.033	20.196±0.118	68729
50863.9787	18.975±0.052	20.223±0.170	68784
50865.0802	19.042±0.038	20.275±0.113	68853
50866.0203	19.080±0.041	20.275±0.131	68906

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50866.9999	19.273±0.050	20.385±0.141	68959
50867.9857	19.409±0.055	20.588±0.198	69008
50869.0591	19.433±0.043	20.570±0.114	69081
50870.0165	19.623±0.095	20.702±0.273	69141
50871.0881	19.718±0.067	20.639±0.161	69225
50920.0818	19.660±0.075	20.633±0.215	70684
50939.9557	19.225±0.097	20.759±0.747	71042
50973.8485	18.056±0.029	19.340±0.110	72638
50982.8620	17.847±0.018	19.151±0.036	73179
51176.1061	15.997±0.041	17.235±0.124	79228
51180.0758	15.980±0.020	17.108±0.040	79313
51194.0423	15.921±0.016	17.052±0.018	79688
51196.1790	15.907±0.016	17.032±0.018	79785
51208.2326	15.831±0.016	16.912±0.020	79907
51229.1402	15.437±0.015	16.506±0.016	80244
51236.1323	15.470±0.015	16.565±0.016	80373
51241.1632	15.425±0.015	16.493±0.017	80464
51243.0574	15.430±0.015	16.481±0.016	80583
51246.1574	15.427±0.015	16.494±0.017	80635
51251.0673	15.499±0.016	16.578±0.018	80917
51260.0259	15.767±0.016	16.798±0.018	81172
51275.9011	16.673±0.016	17.749±0.018	81455
51278.9666	16.922±0.017	18.025±0.022	81609
51280.0090	17.039±0.084	18.014±0.200	81738
51281.9434	17.123±0.019	18.209±0.034	81904
51284.9457	17.307±0.017	18.439±0.028	82052
51288.9827	17.519±0.018	18.706±0.035	82431
51291.0055	17.568±0.024	18.723±0.060	82626
51292.0055	17.642±0.019	18.856±0.046	82733
51293.0241	17.696±0.018	18.902±0.040	82845
51295.0015	17.743±0.028	18.943±0.100	82987
51298.9099	17.839±0.024	19.058±0.078	83098
51301.9994	17.778±0.021	19.005±0.054	83400
51303.8927	17.718±0.021	18.942±0.053	83645
51305.8584	17.699±0.019	18.945±0.041	83826
51307.8624	17.683±0.017	18.960±0.024	83934
51308.9686	17.628±0.018	18.870±0.036	83997
51315.8555	17.277±0.017	18.497±0.024	84518
51317.8512	17.199±0.017	18.439±0.026	84753
51319.8782	17.194±0.017	18.431±0.031	84938
51330.9581	17.037±0.017	18.231±0.035	85374
51336.8699	16.943±0.016	18.175±0.020	85568
51350.8569	16.962±0.017	18.140±0.028	86411
51363.8563	16.443±0.017	17.607±0.024	87401
51536.1145	15.686±0.016	16.780±0.020	94577

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51543.2211	15.573±0.016	16.648±0.018	94693
51545.2230	15.528±0.015	16.579±0.016	94708

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 80.7559.28

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48918.0125	15.517±0.015	16.655±0.016	1461
48918.0509	15.519±0.015	16.665±0.017	1470
48918.0977	15.524±0.015	16.666±0.016	1473
48918.1656	15.529±0.015	16.667±0.016	1487
48918.2405	15.545±0.015	16.677±0.016	1500
48919.2052	15.547±0.015	16.684±0.016	1507
48924.2156	15.558±0.015	16.673±0.017	1586
48928.1487	15.580±0.015	16.722±0.017	1639
48928.9924	15.581±0.015	16.711±0.017	1667
48940.1613	15.620±0.015	16.747±0.018	2043
48942.1838	15.619±0.015	16.749±0.018	2087
48949.1792	15.609±0.015	16.752±0.016	2142
48949.9909	15.601±0.015	16.759±0.016	2159
48965.1455	15.543±0.016	16.681±0.020	2182
48965.9812	15.516±0.016	16.642±0.021	2203
48966.1193	15.530±0.016	16.676±0.021	2229
48966.2248	15.518±0.015	16.707±0.017	2241
48966.9758	15.517±0.015	16.670±0.018	2248
48967.0994	15.522±0.016	16.657±0.019	2272
48967.2364	15.500±0.016	16.723±0.021	2301
48968.2015	15.498±0.015	16.638±0.017	2306
48968.2379	15.485±0.015	16.680±0.018	2311
48975.0266	15.401±0.016	16.525±0.018	2319
48984.9781	15.447±0.015	16.585±0.016	2334
48985.1480	15.440±0.015	16.641±0.017	2357
48986.1303	15.471±0.015	16.602±0.016	2401
48986.1961	15.451±0.015	16.642±0.016	2407
48987.9882	15.486±0.015	16.621±0.016	2416
48988.1215	15.492±0.015	16.632±0.016	2442
48988.9812	15.499±0.015	16.634±0.017	2466
48990.0032	15.529±0.015	16.659±0.017	2519
48990.1092	15.519±0.016	16.649±0.019	2542
48996.0135	15.671±0.020	16.722±0.042	2549
48996.9504	15.723±0.015	16.861±0.017	2554
48997.0644	15.727±0.015	16.861±0.018	2578
48997.1882	15.722±0.015	16.918±0.018	2600
48998.9525	15.786±0.015	16.926±0.016	2615
48999.0623	15.780±0.015	16.927±0.017	2638
48999.1478	15.762±0.016	16.967±0.019	2653
49000.9666	15.846±0.015	16.978±0.018	2683
49001.1457	15.846±0.021	17.074±0.051	2718
49001.9555	15.877±0.015	17.028±0.016	2733
49002.1471	15.875±0.016	17.059±0.018	2770
49002.9530	15.912±0.015	17.041±0.017	2795
49004.0485	15.959±0.017	17.091±0.024	2814

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49004.9460	16.007±0.015	17.143±0.017	2843
49006.9619	16.115±0.015	17.265±0.016	2850
49007.1461	16.136±0.016	17.316±0.019	2885
49007.9706	16.176±0.017	17.305±0.026	2910
49008.1312	16.171±0.016	17.351±0.018	2934
49011.1274	16.385±0.015	17.585±0.017	2965
49012.0373	16.446±0.017	17.600±0.026	2979
49012.1258	16.459±0.016	17.668±0.022	2993
49016.9542	16.760±0.016	17.913±0.024	3088
49018.9700	16.912±0.016	18.093±0.021	3143
49021.0516	17.031±0.018	18.195±0.034	3203
49021.9839	17.100±0.017	18.258±0.028	3251
49025.9840	17.418±0.018	18.610±0.044	3333
49029.9518	17.683±0.021	18.829±0.044	3375
49031.9727	17.801±0.023	18.965±0.058	3398
49032.9479	17.906±0.027	19.056±0.071	3404
49033.0659	17.899±0.023	19.126±0.050	3426
49035.0188	18.066±0.023	19.291±0.060	3489
49040.9946	18.330±0.024	19.486±0.057	3595
49042.1369	18.189±0.705	18.232±0.456	3618
49042.9529	18.498±0.023	19.698±0.053	3622
49043.9503	18.567±0.022	19.713±0.048	3686
49044.0517	18.496±0.026	19.621±0.058	3704
49044.9604	18.506±0.033	19.658±0.096	3752
49045.9345	18.642±0.024	19.711±0.054	3802
49046.0405	18.624±0.026	19.804±0.056	3821
49048.9306	18.658±0.036	19.841±0.125	3896
49049.0340	18.691±0.036	19.859±0.098	3915
49051.9268	18.885±0.047	20.141±0.210	4053
49054.0368	18.972±0.066	20.203±0.288	4066
49056.1656	18.673±0.081	19.806±0.346	4100
49059.9283	19.089±0.031	20.250±0.082	4124
49060.0659	19.042±0.049	20.222±0.149	4150
49060.9111	19.074±0.033	20.160±0.078	4165
49061.9141	19.120±0.030	20.258±0.077	4206
49062.0944	19.176±0.052	20.312±0.166	4228
49062.9122	19.052±0.036	20.099±0.092	4252
49065.0111	19.120±0.032	20.322±0.078	4275
49065.1434	19.148±0.046	20.435±0.143	4299
49065.9409	19.210±0.033	20.456±0.105	4330
49066.1318	19.082±0.035	20.303±0.097	4362
49068.9683	19.054±0.027	20.213±0.057	4473
49069.9218	18.993±0.035	20.103±0.094	4527
49070.0630	18.975±0.029	20.111±0.069	4550
49074.9076	18.631±0.041	19.736±0.117	4597

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49075.8993	18.529±0.036	19.698±0.108	4635
49076.9442	18.379±0.029	19.663±0.088	4689
49077.0891	18.356±0.032	19.663±0.108	4715
49077.9342	18.325±0.046	19.677±0.158	4763
49084.9328	17.277±0.021	18.546±0.065	5002
49086.9249	17.071±0.018	18.353±0.036	5024
49088.0436	16.922±0.018	18.197±0.034	5096
49093.8838	16.507±0.016	17.774±0.020	5263
49094.8866	16.457±0.016	17.737±0.018	5290
49098.0164	16.278±0.016	17.520±0.019	5596
49098.8870	16.235±0.015	17.492±0.017	5666
49099.8761	16.195±0.015	17.450±0.017	5705
49100.8738	16.152±0.016	17.403±0.018	5811
49101.8891	16.117±0.015	17.371±0.017	5871
49103.8852	16.064±0.015	17.302±0.017	5898
49107.0706	15.971±0.016	17.184±0.019	6047
49107.9037	15.975±0.015	17.187±0.018	6064
49108.0365	15.951±0.016	17.158±0.021	6090
49108.8882	15.962±0.015	17.180±0.018	6127
49112.8949	15.870±0.016	17.083±0.019	6378
49114.8790	15.819±0.016	17.028±0.019	6465
49116.0488	15.754±0.016	16.947±0.027	6545
49117.8823	15.721±0.015	16.917±0.017	6553
49120.8701	15.626±0.015	16.823±0.017	6703
49124.8695	15.597±0.015	16.776±0.016	7028
49125.8648	15.613±0.015	16.785±0.016	7132
49126.8656	15.605±0.016	16.798±0.017	7248
49128.3278	15.633±0.016	16.749±0.020	7460
49133.9277	15.637±0.015	16.804±0.016	7597
49135.3239	15.669±0.015	16.784±0.017	7752
49142.2827	15.732±0.017	16.848±0.034	7954
49143.8636	15.724±0.016	16.908±0.020	8034
49144.2675	15.694±0.018	16.751±0.033	8075
49144.8575	15.739±0.015	16.919±0.017	8096
49145.2854	15.739±0.017	16.830±0.028	8177
49152.8526	15.630±0.015	16.790±0.017	8408
49153.2648	15.618±0.016	16.718±0.019	8495
49153.8603	15.603±0.015	16.770±0.017	8515
49156.8583	15.522±0.015	16.671±0.017	8631
49162.8938	15.377±0.015	16.519±0.017	8827
49163.8559	15.344±0.015	16.484±0.017	8920
49164.2626	15.353±0.015	16.444±0.017	9001
49164.8545	15.330±0.015	16.470±0.017	9021
49165.2493	15.325±0.016	16.418±0.019	9104
49165.9053	15.320±0.016	16.450±0.022	9128

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49169.8538	15.245±0.024	16.301±0.051	9283
49169.8748	15.274±0.034	16.362±0.089	9286
49169.9000	15.263±0.016	16.399±0.021	9287
49170.2655	15.276±0.015	16.368±0.017	9322
49172.8511	15.259±0.016	16.395±0.018	9365
49176.8607	15.298±0.015	16.422±0.017	9388
49179.2484	15.323±0.015	16.414±0.017	9519
49180.2089	15.321±0.016	16.413±0.019	9546
49180.8580	15.303±0.016	16.439±0.018	9560
49181.1768	15.342±0.015	16.445±0.017	9628
49181.8730	15.306±0.022	16.389±0.051	9666
49184.3172	15.391±0.016	16.497±0.022	9832
49184.8689	15.388±0.015	16.520±0.017	9841
49186.8563	15.418±0.015	16.544±0.017	9997
49187.2605	15.444±0.016	16.518±0.023	10075
49189.1448	15.481±0.016	16.553±0.020	10147
49190.1532	15.488±0.015	16.556±0.018	10236
49195.1670	15.572±0.016	16.655±0.020	10356
49196.1169	15.582±0.016	16.675±0.020	10432
49200.1788	15.633±0.016	16.696±0.024	10576
49204.1354	15.671±0.016	16.760±0.026	10713
49205.1340	15.686±0.016	16.766±0.029	10812
49212.1514	15.712±0.016	16.809±0.018	11183
49216.3119	15.691±0.016	16.827±0.019	11337
49217.3185	15.685±0.016	16.824±0.019	11413
49219.0788	15.695±0.015	16.772±0.018	11539
49223.0607	15.685±0.016	16.747±0.019	11770
49224.0627	15.676±0.016	16.718±0.022	11873
49225.0482	15.671±0.016	16.701±0.024	11937
49226.2619	15.677±0.016	16.757±0.019	11991
49253.0293	16.153±0.016	17.247±0.019	12124
49253.2991	16.132±0.017	17.331±0.028	12162
49254.0297	16.159±0.016	17.256±0.024	12167
49255.0916	16.217±0.016	17.320±0.020	12180
49256.0083	16.252±0.017	17.346±0.028	12236
49257.0324	16.306±0.016	17.407±0.020	12319
49257.2924	16.332±0.018	17.494±0.028	12367
49258.0179	16.360±0.016	17.474±0.022	12392
49258.9767	16.395±0.017	17.493±0.035	12454
49260.1806	16.466±0.019	17.553±0.046	12483
49260.9939	16.464±0.017	17.522±0.033	12505
49265.9768	16.792±0.021	17.903±0.050	12570
49266.2716	16.808±0.017	17.987±0.028	12590
49267.0573	16.848±0.017	17.972±0.028	12609
49268.0725	16.922±0.017	18.051±0.025	12643

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49268.1257	16.948±0.017	18.069±0.028	12652
49269.0326	17.020±0.017	18.131±0.030	12692
49269.2743	17.058±0.018	18.242±0.030	12738
49273.0658	17.426±0.017	18.561±0.028	12840
49273.9497	17.522±0.021	18.617±0.047	12862
49274.2604	17.543±0.018	18.758±0.029	12906
49274.9474	17.565±0.019	18.668±0.037	12913
49277.2180	17.782±0.017	18.934±0.028	12931
49278.1075	17.879±0.026	19.047±0.078	12944
49280.1980	17.998±0.020	19.156±0.045	12969
49283.0045	18.173±0.023	19.319±0.060	13015
49283.9320	18.255±0.027	19.510±0.102	13060
49284.2487	18.230±0.021	19.455±0.046	13124
49286.9427	18.459±0.039	19.594±0.172	13163
49288.0212	18.489±0.033	19.500±0.111	13215
49288.2553	18.529±0.128	19.635±0.182	13251
49290.0267	18.678±0.053	20.079±0.341	13261
49291.2297	18.852±0.062	20.305±0.387	13312
49291.9505	18.929±0.069	20.426±0.488	13325
49292.2313	18.862±0.049	19.977±0.157	13375
49302.0209	19.409±0.159	20.560±0.614	13386
49303.0622	19.293±0.035	20.451±0.114	13398
49303.2267	19.184±0.052	20.361±0.137	13424
49303.9168	19.240±0.051	20.272±0.149	13431
49307.9928	19.388±0.040	20.464±0.124	13449
49309.9484	19.358±0.043	20.441±0.133	13506
49312.0051	19.405±0.070	20.213±0.159	13571
49312.2151	19.340±0.066	20.288±0.141	13609
49313.0136	19.538±0.097	20.704±0.370	13626
49313.2107	19.482±0.055	20.652±0.152	13664
49319.2244	19.614±0.139	20.553±0.310	13886
49372.2131	19.991±0.179	21.076±0.488	13894
49372.9585	19.914±0.063	20.873±0.160	13905
49375.0807	19.878±0.115	20.642±0.228	13952
49375.9677	19.846±0.130	20.845±0.380	13976
49376.2523	19.954±0.155	21.112±0.325	14031
49376.9890	19.845±0.085	20.860±0.252	14036
49377.2319	19.906±0.073	21.169±0.245	14082
49378.9434	19.728±0.263	20.552±0.786	14132
49380.1993	19.258±0.213	20.060±0.562	14195
49380.9455	19.727±0.097	20.558±0.252	14201
49381.2594	19.889±0.301	20.618±0.712	14249
49382.0313	19.711±0.078	20.941±0.422	14253
49385.1784	19.617±0.090	20.602±0.242	14310
49386.9677	19.728±0.074	20.575±0.175	14349

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49389.0808	19.771±0.091	20.700±0.225	14401
49390.2114	19.705±0.095	20.729±0.256	14421
49390.9584	19.670±0.071	20.553±0.172	14427
49391.2579	19.484±0.129	20.437±0.308	14479
49397.0649	19.688±0.067	20.780±0.202	14501
49398.9346	19.804±0.039	20.978±0.118	14511
49399.9391	19.658±0.074	20.495±0.174	14567
49400.2411	19.582±0.081	20.509±0.189	14622
49400.9529	19.698±0.105	20.775±0.329	14631
49405.0124	19.472±0.082	20.248±0.173	14644
49405.9974	19.585±0.067	20.527±0.163	14681
49407.1342	19.687±0.115	20.860±0.475	14737
49409.9989	19.685±0.103	20.207±0.202	14805
49412.7295	19.740±0.070	21.105±0.383	14878
49413.9326	19.659±0.040	20.678±0.095	14933
49414.9485	19.652±0.051	20.539±0.123	14971
49415.9317	19.651±0.041	20.807±0.131	14994
49416.9248	19.695±0.047	20.596±0.102	15051
49417.9300	19.682±0.062	20.805±0.213	15090
49424.9236	19.676±0.080	20.509±0.157	15158
49426.0743	19.673±0.074	20.766±0.183	15243
49426.2037	19.651±0.080	20.560±0.188	15270
49426.9184	19.791±0.063	20.743±0.147	15296
49427.2015	19.757±0.090	20.619±0.212	15345
49429.9485	19.864±0.056	20.813±0.126	15451
49432.9194	19.956±0.084	20.933±0.233	15478
49433.9218	20.169±0.131	20.853±0.252	15516
49434.9361	20.107±0.117	20.963±0.293	15559
49435.1707	19.743±0.122	20.689±0.272	15588
49435.9339	19.672±0.140	21.012±0.798	15600
49436.9246	20.065±0.127	20.870±0.340	15634
49437.9018	19.790±0.084	21.052±0.500	15683
49448.0679	20.101±0.079	20.982±0.172	15967
49448.8919	19.885±0.129	20.725±0.268	16013
49449.9810	20.144±0.102	21.267±0.316	16107
49450.9741	20.262±0.104	21.191±0.225	16186
49451.9694	20.123±0.102	20.855±0.167	16257
49453.0134	20.078±0.233	20.500±0.246	16328
49455.9482	19.996±0.326	20.256±0.273	16386
49457.0930	20.139±0.128	20.821±0.223	16410
49457.9512	20.299±0.123	21.151±0.227	16454
49458.9136	20.068±0.077	20.904±0.130	16473
49460.9465	20.463±0.144	21.314±0.288	16571
49461.9606	20.017±0.090	20.750±0.154	16643
49462.9349	20.125±0.100	21.019±0.235	16717

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49464.9343	20.223±0.122	20.862±0.234	16812
49465.9583	20.149±0.116	20.757±0.219	16844
49466.9424	19.832±0.129	20.878±0.383	16915
49466.9742	20.350±0.144	21.401±0.476	16922
49472.9988	20.175±0.134	21.006±0.261	17212
49474.0177	19.839±0.100	20.676±0.213	17290
49478.9416	19.887±0.050	20.850±0.110	17445
49479.8747	19.801±0.061	20.707±0.116	17521
49481.9869	19.792±0.156	20.937±0.287	17606
49483.9602	19.752±0.084	20.675±0.178	17638
49484.8643	19.708±0.052	20.847±0.124	17722
49485.9307	19.609±0.074	20.452±0.130	17810
49486.9225	19.639±0.121	20.648±0.283	17884
49487.9549	19.513±0.080	20.574±0.214	17976
49488.3180	19.635±0.092	20.551±0.228	18047
49488.9418	19.504±0.062	20.778±0.223	18059
49492.9495	19.304±0.148	20.147±0.357	18226
49495.3011	19.324±0.083	20.292±0.221	18347
49498.9338	19.287±0.259	20.103±0.539	18463
49505.9384	18.995±0.053	20.201±0.183	18729
49509.9033	18.849±0.038	20.124±0.116	18814
49512.8981	18.812±0.054	19.938±0.157	18927
49513.8937	18.836±0.041	20.050±0.129	19024
49514.3030	18.875±0.036	20.181±0.152	19093
49523.2510	18.790±0.043	20.050±0.161	19491
49525.9018	18.632±0.070	19.838±0.257	19527
49526.2788	18.657±0.089	20.044±0.517	19558
49526.8684	18.553±0.099	19.645±0.335	19574
49530.8828	18.451±0.044	19.814±0.172	19638
49531.3113	18.471±0.038	19.660±0.157	19717
49532.2319	18.414±0.032	19.676±0.158	19744
49532.8529	18.414±0.028	19.668±0.087	19766
49533.3037	18.425±0.030	19.704±0.131	19819
49533.8585	18.503±0.081	20.321±0.643	19830
49535.2703	18.350±0.053	19.668±0.248	19953
49535.8607	18.362±0.066	19.766±0.273	19969
49536.3226	18.353±0.023	19.670±0.066	19982
49540.2801	18.113±0.030	19.306±0.084	20320
49542.2679	18.095±0.022	19.344±0.068	20460
49542.8901	18.084±0.021	19.501±0.061	20484
49545.8788	17.940±0.030	19.208±0.121	20607
49547.3257	17.990±0.021	19.341±0.069	20739
49547.8791	17.874±0.033	19.139±0.131	20748
49550.8662	17.850±0.021	19.223±0.077	20955
49551.3029	17.848±0.021	19.164±0.069	21026

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49552.2810	17.785±0.043	18.969±0.157	21039
49552.8570	17.714±0.041	18.728±0.121	21044
49553.3337	17.831±0.019	19.110±0.040	21130
49555.1357	17.762±0.046	19.133±0.273	21212
49556.3117	17.751±0.033	18.903±0.128	21311
49557.1766	17.771±0.031	19.025±0.167	21378
49557.3131	17.682±0.024	18.952±0.109	21404
49557.8497	17.686±0.024	18.960±0.071	21411
49559.2092	17.646±0.030	18.866±0.148	21529
49560.1443	17.646±0.029	18.906±0.144	21591
49560.3209	17.668±0.019	18.893±0.047	21621
49562.1971	17.564±0.030	18.740±0.120	21765
49563.2327	17.624±0.031	18.986±0.139	21826
49563.3253	17.619±0.018	18.875±0.037	21845
49567.3126	17.563±0.019	18.826±0.046	21938
49568.1636	17.546±0.018	18.797±0.042	21997
49568.3187	17.567±0.018	18.845±0.038	22027
49569.1719	17.504±0.019	18.808±0.054	22076
49569.2011	17.494±0.019	18.777±0.047	22079
49570.1693	17.494±0.018	18.738±0.040	22154
49570.3180	17.496±0.018	18.720±0.039	22185
49572.3208	17.424±0.021	18.732±0.065	22279
49573.3162	17.374±0.018	18.651±0.044	22363
49574.1310	17.314±0.020	18.575±0.057	22410
49575.1318	17.283±0.017	18.548±0.030	22495
49575.3170	17.272±0.022	18.550±0.066	22528
49578.1110	17.157±0.018	18.467±0.043	22607
49579.1239	17.111±0.018	18.409±0.046	22693
49579.3006	17.122±0.016	18.412±0.027	22731
49580.1325	17.050±0.017	18.324±0.035	22781
49580.2962	17.068±0.016	18.370±0.022	22818
49581.0879	17.020±0.017	18.281±0.039	22856
49581.3001	17.012±0.017	18.278±0.035	22899
49583.1857	16.918±0.021	18.181±0.069	22972
49586.1187	16.791±0.021	18.091±0.100	23041
49588.1177	16.756±0.019	17.974±0.074	23183
49589.1587	16.734±0.017	17.980±0.035	23255
49590.0885	16.715±0.016	17.978±0.029	23307
49591.0966	16.680±0.016	17.932±0.027	23359
49591.1927	16.682±0.016	17.967±0.021	23379
49591.2809	16.684±0.016	18.014±0.021	23385
49592.1187	16.665±0.016	17.920±0.027	23436
49592.3027	16.635±0.018	17.937±0.038	23467
49593.0881	16.630±0.017	17.882±0.033	23506
49596.1241	16.556±0.024	17.772±0.082	23623

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49596.3028	16.570±0.016	17.857±0.027	23647
49597.1174	16.546±0.016	17.796±0.020	23686
49597.2972	16.540±0.016	17.853±0.019	23713
49598.1858	16.524±0.016	17.773±0.020	23757
49598.2895	16.520±0.016	17.841±0.018	23772
49599.1496	16.508±0.016	17.732±0.026	23817
49599.2848	16.502±0.016	17.797±0.023	23840
49600.1533	16.503±0.022	17.718±0.069	23882
49602.2269	16.479±0.017	17.731±0.033	23907
49603.1094	16.469±0.016	17.696±0.023	23962
49605.1265	16.458±0.016	17.685±0.021	24014
49606.1153	16.444±0.016	17.640±0.021	24089
49606.2887	16.456±0.016	17.753±0.018	24121
49607.1192	16.447±0.016	17.678±0.020	24168
49607.2709	16.455±0.016	17.742±0.022	24194
49607.9956	16.421±0.019	17.652±0.055	24216
49609.2775	16.454±0.016	17.747±0.024	24314
49610.2801	16.454±0.017	17.779±0.030	24369
49611.2795	16.468±0.017	17.797±0.030	24449
49614.2788	16.494±0.017	17.738±0.032	24582
49619.0838	16.508±0.018	17.781±0.050	24847
49619.2807	16.484±0.017	17.782±0.028	24884
49620.2774	16.508±0.017	17.837±0.035	24959
49621.1118	16.514±0.016	17.769±0.021	24995
49621.2769	16.517±0.016	17.819±0.024	25021
49624.1147	16.513±0.017	17.747±0.032	25085
49625.2806	16.524±0.017	17.770±0.030	25140
49626.0950	16.512±0.016	17.781±0.024	25177
49628.1021	16.535±0.017	17.790±0.033	25231
49629.1542	16.532±0.016	17.800±0.023	25282
49630.1564	16.534±0.017	17.771±0.029	25313
49631.0791	16.564±0.016	17.819±0.021	25368
49634.0233	16.558±0.016	17.804±0.028	25437
49635.0139	16.555±0.016	17.797±0.025	25482
49636.0847	16.557±0.017	17.803±0.030	25551
49637.0554	16.562±0.018	17.809±0.040	25617
49638.1370	16.558±0.016	17.816±0.021	25649
49639.1118	16.539±0.016	17.786±0.025	25689
49640.0594	16.548±0.016	17.805±0.022	25729
49641.0943	16.546±0.016	17.836±0.024	25793
49642.2040	16.511±0.016	17.753±0.022	25854
49642.2645	16.511±0.016	17.836±0.019	25864
49643.0038	16.487±0.016	17.725±0.033	25878
49645.9846	16.431±0.018	17.708±0.047	25913
49647.1350	16.398±0.017	17.644±0.034	25964

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49648.0466	16.363±0.023	17.593±0.066	25977
49648.1934	16.344±0.016	17.551±0.024	25978
49648.9945	16.328±0.016	17.545±0.022	26000
49649.9893	16.300±0.016	17.531±0.021	26063
49650.2386	16.287±0.016	17.577±0.018	26113
49652.1142	16.255±0.016	17.503±0.019	26143
49654.0546	16.198±0.016	17.411±0.021	26170
49661.1389	16.105±0.016	17.319±0.018	26240
49665.1798	16.093±0.016	17.330±0.019	26262
49666.0352	16.084±0.015	17.310±0.018	26284
49666.9895	16.094±0.016	17.312±0.021	26327
49667.2098	16.077±0.015	17.377±0.017	26371
49668.1180	16.093±0.015	17.327±0.018	26382
49668.2336	16.080±0.016	17.372±0.021	26405
49671.9688	16.071±0.017	17.280±0.041	26476
49672.9420	16.075±0.016	17.292±0.021	26483
49673.9903	16.069±0.016	17.273±0.031	26506
49674.1838	16.062±0.016	17.370±0.022	26534
49675.1929	16.043±0.017	17.265±0.035	26551
49677.0091	16.057±0.017	17.322±0.030	26571
49681.9939	15.990±0.015	17.221±0.017	26610
49682.2051	15.974±0.015	17.266±0.018	26652
49682.9914	15.977±0.016	17.189±0.022	26662
49683.0123	15.968±0.016	17.193±0.019	26663
49687.9980	15.848±0.017	17.048±0.032	26677
49689.0101	15.832±0.015	17.044±0.017	26709
49690.0740	15.812±0.015	17.018±0.017	26746
49692.0415	15.760±0.015	16.974±0.016	26851
49694.0196	15.736±0.015	16.955±0.016	26957
49696.0490	15.713±0.015	16.914±0.018	26980
49697.0443	15.714±0.015	16.918±0.016	27029
49698.0646	15.713±0.015	16.932±0.016	27092
49703.0245	15.769±0.016	16.980±0.021	27258
49704.0921	15.776±0.016	16.968±0.025	27313
49705.0195	15.782±0.016	16.982±0.025	27345
49706.0414	15.799±0.015	17.017±0.018	27400
49715.9779	15.844±0.016	17.041±0.021	27432
49724.0027	15.901±0.015	17.075±0.017	27547
49727.9826	15.992±0.015	17.174±0.018	27581
49730.1755	16.066±0.015	17.314±0.017	27674
49731.0314	16.110±0.016	17.339±0.018	27696
49733.2104	16.197±0.016	17.435±0.018	27744
49742.0987	16.520±0.016	17.762±0.019	27870
49746.1425	16.730±0.016	17.978±0.021	27956
49748.1022	16.843±0.016	18.110±0.019	28059

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49750.2098	17.000±0.016	18.259±0.024	28172
49752.0115	17.131±0.016	18.405±0.021	28196
49755.0220	17.345±0.018	18.652±0.035	28312
49760.0638	17.626±0.019	18.874±0.036	28411
49761.2370	17.685±0.019	18.911±0.043	28472
49763.0514	17.790±0.021	19.046±0.063	28502
49765.1791	17.874±0.034	19.210±0.164	28558
49768.0887	17.929±0.026	19.195±0.093	28623
49784.9967	17.611±0.018	18.943±0.031	28677
49787.1751	17.579±0.022	18.874±0.070	28729
49790.9766	17.549±0.019	18.843±0.047	28963
49795.9756	17.567±0.020	18.892±0.056	29099
49799.9575	17.551±0.017	18.897±0.026	29266
49801.0538	17.524±0.019	18.832±0.041	29367
49804.9571	17.438±0.018	18.763±0.036	29517
49806.9704	17.358±0.016	18.721±0.025	29625
49808.1490	17.282±0.021	18.649±0.062	29701
49808.9669	17.286±0.017	18.611±0.026	29738
49809.9912	17.264±0.017	18.637±0.035	29815
49810.9886	17.205±0.016	18.552±0.025	29879
49819.9751	16.938±0.022	18.252±0.067	30120
49824.9501	16.784±0.018	18.072±0.047	30229
49826.9887	16.710±0.017	18.027±0.028	30322
49829.0371	16.597±0.016	17.909±0.021	30424
49833.9885	16.290±0.017	17.478±0.044	30643
49835.9768	16.308±0.016	17.616±0.018	30666
49856.9521	15.787±0.015	17.020±0.017	31089
49858.9470	15.763±0.016	17.000±0.018	31131
49868.9630	15.741±0.016	16.966±0.020	31407
49872.9274	15.762±0.015	16.988±0.017	31498
49874.8949	15.731±0.031	17.019±0.102	31596
49880.8525	15.696±0.017	16.929±0.030	31643
49884.3314	15.619±0.016	16.769±0.021	31754
49887.8627	15.520±0.015	16.727±0.017	31921
49889.8541	15.468±0.016	16.676±0.019	32093
49890.8674	15.451±0.015	16.654±0.016	32205
49891.8614	15.422±0.015	16.625±0.017	32319
49892.3113	15.463±0.015	16.595±0.017	32381
49895.8473	15.384±0.015	16.580±0.017	32482
49902.3269	15.384±0.015	16.520±0.016	32728
49906.3005	15.374±0.015	16.497±0.017	32850
49908.2934	15.371±0.015	16.495±0.017	32949
49922.2135	15.330±0.015	16.439±0.018	33318
49926.2186	15.283±0.015	16.396±0.018	33545
49937.2320	15.107±0.015	16.206±0.017	34182

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49940.1447	15.082±0.015	16.167±0.018	34493
49941.2829	15.085±0.015	16.174±0.018	34597
49942.1262	15.069±0.015	16.163±0.017	34671
49944.1918	15.074±0.015	16.161±0.017	34911
49945.2135	15.062±0.015	16.145±0.016	35009
49950.0904	15.016±0.015	16.090±0.017	35376
49953.1906	14.988±0.015	16.064±0.016	35556
49954.1073	14.961±0.015	16.035±0.016	35617
49954.1528	14.970±0.015	16.052±0.016	35627
49958.0604	14.920±0.015	15.983±0.016	35862
49962.0738	14.900±0.015	15.968±0.016	36017
49967.1720	14.918±0.015	15.991±0.016	36215
49968.0670	14.916±0.015	15.988±0.018	36276
49970.0330	14.935±0.015	16.014±0.021	36328
49971.0299	14.938±0.015	16.001±0.018	36365
49972.2996	14.959±0.015	16.036±0.016	36439
49973.0434	14.960±0.015	16.039±0.016	36474
49974.2785	14.980±0.016	16.054±0.020	36549
49975.0941	14.976±0.015	16.050±0.018	36579
49983.0059	14.958±0.015	16.032±0.017	36784
49987.0574	14.952±0.015	16.020±0.016	36859
49988.0165	14.951±0.015	16.023±0.016	36929
49995.0453	14.984±0.015	16.046±0.016	37072
49995.2519	14.995±0.015	16.058±0.016	37118
49996.2216	14.994±0.015	16.059±0.016	37132
49997.0613	15.007±0.015	16.076±0.018	37171
49997.0702	15.010±0.015	16.078±0.017	37173
49997.0790	15.010±0.015	16.081±0.017	37175
49999.0454	15.023±0.015	16.103±0.018	37307
49999.0542	15.027±0.015	16.091±0.018	37309
49999.0631	15.015±0.015	16.090±0.017	37311
50005.2721	15.084±0.022	16.148±0.046	37430
50006.0484	15.049±0.015	16.132±0.015	37463
50007.0434	15.063±0.015	16.145±0.016	37541
50007.0522	15.059±0.015	16.144±0.016	37543
50007.0611	15.064±0.015	16.148±0.016	37545
50008.1430	15.061±0.015	16.139±0.016	37603
50014.0105	15.045±0.015	16.116±0.016	37656
50014.0193	15.044±0.015	16.116±0.016	37658
50014.0282	15.045±0.015	16.112±0.016	37660
50015.9969	15.020±0.017	16.126±0.029	37737
50020.1326	14.976±0.017	16.028±0.024	37766
50020.1967	14.978±0.015	16.052±0.016	37769
50022.0535	14.954±0.015	16.028±0.016	37816
50023.0042	14.937±0.016	16.008±0.018	37839

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50029.9881	14.938±0.015	16.014±0.016	37909
50029.9969	14.943±0.015	16.015±0.017	37911
50032.0254	14.988±0.025	16.037±0.060	37948
50033.9883	14.961±0.015	16.043±0.016	37997
50033.9972	14.958±0.015	16.038±0.016	37999
50034.0060	14.963±0.015	16.043±0.016	38001
50035.1844	14.963±0.015	16.056±0.018	38008
50037.0028	14.966±0.015	16.059±0.015	38022
50037.0117	14.967±0.015	16.063±0.015	38024
50037.0205	14.969±0.015	16.062±0.015	38026
50038.9468	14.987±0.016	16.069±0.024	38047
50038.9798	14.975±0.015	16.055±0.016	38049
50046.0485	14.993±0.015	16.085±0.015	38134
50046.0573	14.995±0.015	16.078±0.015	38136
50046.0661	14.993±0.015	16.078±0.015	38138
50047.0079	15.002±0.015	16.082±0.017	38188
50047.0167	15.008±0.015	16.093±0.018	38190
50047.0256	15.014±0.016	16.084±0.019	38192
50055.0085	15.101±0.015	16.194±0.017	38326
50059.0246	15.106±0.015	16.200±0.016	38403
50059.0336	15.103±0.015	16.185±0.017	38405
50060.0034	15.097±0.015	16.180±0.017	38427
50061.1515	15.094±0.016	16.190±0.021	38432
50062.0242	15.107±0.015	16.248±0.019	38446
50062.0330	15.090±0.015	16.178±0.016	38448
50062.0418	15.085±0.015	16.173±0.016	38450
50064.0124	15.077±0.015	16.153±0.016	38519
50067.0368	15.034±0.015	16.128±0.015	38574
50067.0457	15.039±0.015	16.134±0.015	38576
50068.0251	15.010±0.015	16.084±0.016	38604
50068.0340	15.011±0.015	16.089±0.016	38606
50068.0428	15.011±0.015	16.088±0.016	38608
50071.9686	14.930±0.015	16.007±0.015	38625
50073.0260	14.911±0.015	15.979±0.016	38683
50073.0348	14.912±0.015	15.986±0.016	38685
50073.0437	14.913±0.015	15.984±0.016	38687
50074.0298	14.888±0.015	15.967±0.016	38727
50074.9864	14.879±0.015	15.944±0.016	38741
50075.0083	14.877±0.015	15.943±0.016	38745
50078.0323	14.850±0.015	15.921±0.016	38785
50084.1833	14.825±0.015	15.946±0.016	38845
50087.1450	14.848±0.015	15.903±0.016	38851
50090.0220	14.856±0.015	15.915±0.016	38914
50092.0542	14.855±0.015	15.920±0.016	38963
50093.1974	14.842±0.015	15.954±0.016	38998

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50096.0290	14.861±0.015	15.924±0.015	39033
50096.0379	14.863±0.015	15.922±0.015	39035
50096.0468	14.851±0.015	15.913±0.015	39037
50100.1606	14.850±0.016	15.971±0.018	39049
50106.0253	14.815±0.015	15.859±0.015	39121
50109.0206	14.783±0.015	15.900±0.015	39225
50110.0171	14.789±0.015	15.911±0.015	39284
50110.0264	14.787±0.015	15.906±0.015	39286
50110.0357	14.790±0.015	15.905±0.015	39288
50124.9857	14.970±0.015	16.085±0.016	39444
50125.0176	14.958±0.015	16.080±0.015	39449
50125.0431	14.963±0.015	16.075±0.015	39453
50126.0358	14.967±0.015	16.105±0.015	39496
50126.0447	14.967±0.015	16.096±0.015	39498
50126.0537	14.972±0.015	16.097±0.016	39500
50127.0179	14.981±0.015	16.111±0.015	39555
50127.0268	14.983±0.015	16.113±0.015	39557
50127.0357	14.979±0.015	16.105±0.016	39559
50129.0205	14.987±0.015	16.116±0.015	39689
50129.0304	14.986±0.015	16.107±0.015	39691
50129.0410	14.986±0.015	16.109±0.015	39693
50130.9290	14.984±0.015	16.105±0.016	39759
50130.9387	14.978±0.015	16.100±0.016	39761
50130.9743	14.965±0.016	16.065±0.019	39769
50131.9907	14.972±0.015	16.094±0.015	39792
50132.2361	14.949±0.015	16.058±0.016	39843
50132.9355	14.947±0.015	16.072±0.016	39852
50133.9895	14.952±0.015	16.067±0.016	39890
50134.9147	14.942±0.015	16.054±0.016	39906
50134.9335	14.942±0.015	16.070±0.016	39910
50135.9416	14.922±0.015	16.048±0.017	39943
50139.0110	14.938±0.015	16.059±0.015	39994
50139.0199	14.934±0.015	16.059±0.015	39996
50139.0288	14.931±0.015	16.056±0.015	39998
50140.0231	14.942±0.015	16.071±0.015	40026
50140.0319	14.945±0.015	16.074±0.015	40028
50140.0408	14.943±0.015	16.064±0.015	40030
50141.9321	14.960±0.015	16.082±0.016	40056
50141.9500	14.964±0.015	16.083±0.016	40060
50141.9686	14.959±0.015	16.088±0.016	40064
50145.9934	15.025±0.015	16.137±0.017	40129
50147.0087	15.025±0.016	16.136±0.020	40141
50147.0858	14.997±0.015	16.122±0.018	40142
50147.9859	15.022±0.015	16.163±0.017	40144
50151.9764	15.096±0.015	16.232±0.016	40177

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50154.9369	15.193±0.015	16.326±0.015	40253
50156.0142	15.234±0.015	16.366±0.016	40338
50156.0320	15.231±0.015	16.367±0.016	40342
50157.9469	15.341±0.015	16.478±0.016	40378
50161.1561	15.579±0.015	16.718±0.017	40533
50168.1746	16.081±0.016	17.207±0.028	40705
50170.0124	16.316±0.016	17.495±0.018	40819
50170.9455	16.415±0.016	17.595±0.019	40836
50173.0012	16.685±0.033	17.900±0.114	40912
50173.9864	16.751±0.016	17.952±0.022	40997
50178.9467	17.538±0.022	18.855±0.076	41266
50179.9728	17.677±0.021	18.892±0.058	41281
50181.0549	18.030±0.031	19.322±0.120	41299
50181.9718	18.186±0.023	19.395±0.052	41338
50186.8926	19.539±0.064	20.797±0.204	41497
50188.9003	19.510±0.478	20.189±0.733	41542
50188.9264	20.080±0.118	21.127±0.315	41544
50193.8956	20.191±0.105	21.147±0.213	41680
50198.9382	20.291±0.204	21.247±0.536	41893
50199.9321	20.243±0.132	21.363±0.465	42007
50200.8979	20.170±0.144	21.055±0.341	42116
50201.9280	20.232±0.122	20.952±0.267	42238
50210.9751	20.053±0.144	20.746±0.229	42434
50212.8924	20.284±0.083	20.902±0.109	42449
50214.9179	20.198±0.136	20.819±0.188	42611
50218.0068	20.234±0.084	21.000±0.169	42822
50219.8956	20.258±0.088	20.916±0.137	42978
50220.8681	20.281±0.122	21.042±0.186	43081
50223.9526	20.377±0.150	21.477±0.488	43184
50224.8828	20.433±0.098	21.252±0.188	43278
50226.8754	20.133±0.123	21.204±0.325	43438
50228.8727	20.315±0.091	21.031±0.165	43614
50230.9386	19.738±0.236	20.382±0.419	43867
50232.8624	20.460±0.109	21.711±0.458	44020
50233.8700	19.766±0.200	20.766±0.491	44134
50234.8730	20.484±0.190	21.271±0.402	44248
50236.8594	20.260±0.187	20.947±0.331	44359
50239.3128	20.023±0.276	20.192±0.272	44454
50242.8599	20.077±0.091	21.116±0.215	44641
50243.8632	19.988±0.086	21.000±0.191	44725
50246.8944	19.994±0.132	20.908±0.309	45033
50249.2841	20.051±0.134	21.160±0.501	45191
50254.8578	19.951±0.081	20.947±0.209	45306
50255.8525	19.963±0.075	20.818±0.151	45427
50258.8817	20.107±0.158	20.573±0.238	45543

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50264.2677	19.998±0.138	21.313±0.698	45752
50267.8630	19.668±0.063	20.528±0.143	45856
50268.2754	20.227±0.200	21.126±0.661	45936
50271.8858	19.756±0.069	20.790±0.213	45981
50272.2441	19.620±0.091	20.666±0.328	46051
50273.2972	19.601±0.074	20.630±0.214	46134
50273.8908	19.380±0.191	20.334±0.396	46147
50277.8610	19.373±0.078	20.478±0.231	46298
50279.1922	19.203±0.065	20.286±0.208	46441
50294.2319	18.248±0.047	19.265±0.162	46544
50297.2482	18.149±0.035	19.295±0.163	46623
50300.3290	18.036±0.047	19.764±0.397	46668
50305.2009	17.700±0.020	18.989±0.054	47038
50306.2080	17.694±0.016	18.962±0.025	47158
50307.2936	17.618±0.018	18.828±0.038	47260
50313.1704	17.449±0.018	18.669±0.035	47662
50316.1827	17.350±0.016	18.595±0.028	47851
50319.1645	17.234±0.017	18.493±0.029	47966
50320.1754	17.194±0.016	18.421±0.023	48081
50321.1634	17.168±0.019	18.427±0.052	48153
50328.2375	16.968±0.019	18.213±0.051	48280
50329.1949	16.940±0.016	18.171±0.026	48306
50330.2428	16.871±0.017	18.105±0.028	48360
50331.2854	16.863±0.016	18.112±0.026	48389
50336.1694	16.763±0.016	18.006±0.023	48473
50337.1334	16.730±0.016	17.965±0.020	48530
50342.1145	16.616±0.016	17.804±0.028	48566
50343.1483	16.612±0.017	17.826±0.028	48625
50344.1978	16.592±0.019	17.843±0.045	48690
50345.2214	16.495±0.044	17.476±0.126	48748
50347.2091	16.533±0.016	17.753±0.020	48783
50350.1342	16.444±0.016	17.647±0.024	48893
50351.0110	16.427±0.016	17.652±0.036	48944
50351.2846	16.421±0.016	17.595±0.021	49000
50353.9959	16.378±0.016	17.544±0.034	49080
50360.0697	16.273±0.015	17.473±0.018	49131
50361.0096	16.245±0.015	17.451±0.018	49191
50365.2480	16.247±0.016	17.459±0.019	49291
50367.0881	16.263±0.015	17.466±0.018	49335
50369.2699	16.254±0.016	17.456±0.028	49435
50370.0485	16.250±0.015	17.471±0.017	49464
50371.0300	16.258±0.016	17.472±0.019	49531
50372.0162	16.267±0.015	17.489±0.018	49603
50372.2574	16.261±0.016	17.479±0.022	49655
50375.0334	16.259±0.015	17.471±0.019	49665

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50377.0114	16.228±0.016	17.403±0.026	49727
50378.0420	16.221±0.015	17.455±0.018	49802
50378.2569	16.225±0.015	17.428±0.017	49849
50380.0595	16.209±0.015	17.393±0.020	49860
50381.0066	16.194±0.022	17.384±0.074	49920
50385.0766	16.164±0.016	17.330±0.022	49961
50389.0145	16.128±0.015	17.296±0.018	50072
50389.9794	16.089±0.015	17.259±0.018	50103
50390.2398	16.091±0.015	17.262±0.016	50156
50395.2305	15.955±0.015	17.105±0.017	50163
50396.0688	15.927±0.015	17.106±0.016	50180
50397.0841	15.896±0.015	17.060±0.018	50235
50399.9751	15.829±0.015	17.000±0.017	50353
50405.9929	15.708±0.015	16.861±0.016	50479
50406.9815	15.689±0.015	16.842±0.017	50543
50407.2268	15.687±0.015	16.836±0.016	50596
50408.0260	15.668±0.015	16.818±0.017	50610
50409.9981	15.617±0.015	16.762±0.019	50640
50411.0262	15.617±0.015	16.760±0.017	50690
50412.0763	15.582±0.015	16.737±0.017	50756
50413.0383	15.570±0.015	16.707±0.018	50799
50417.0125	15.497±0.016	16.629±0.019	50847
50418.0383	15.478±0.015	16.607±0.016	50905
50419.9889	15.434±0.015	16.545±0.017	50955
50420.0448	15.443±0.015	16.566±0.016	50966
50421.0411	15.435±0.015	16.554±0.016	51022
50421.9953	15.415±0.015	16.537±0.016	51051
50423.1526	15.394±0.015	16.507±0.016	51079
50424.9994	15.376±0.015	16.487±0.016	51102
50426.0002	15.358±0.015	16.476±0.016	51117
50427.0380	15.341±0.015	16.451±0.016	51185
50429.0062	15.304±0.015	16.415±0.016	51223
50430.0740	15.293±0.015	16.401±0.016	51299
50432.0199	15.250±0.015	16.423±0.017	51341
50433.0491	15.248±0.015	16.428±0.016	51409
50434.0203	15.255±0.016	16.429±0.020	51451
50436.0684	15.257±0.015	16.430±0.016	51501
50437.0733	15.274±0.015	16.368±0.017	51515
50438.0045	15.261±0.015	16.365±0.016	51554
50439.0617	15.268±0.015	16.365±0.017	51626
50440.1242	15.248±0.016	16.338±0.019	51663
50441.0106	15.254±0.015	16.408±0.017	51692
50446.0217	15.219±0.015	16.389±0.016	51814
50449.0379	15.208±0.015	16.375±0.016	51869
50449.9881	15.225±0.015	16.322±0.016	51877

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50451.0414	15.263±0.034	16.518±0.100	51931
50451.1602	15.202±0.015	16.375±0.016	51933
50451.9594	15.236±0.016	16.333±0.018	51955
50452.2371	15.208±0.015	16.378±0.016	52005
50454.0705	15.206±0.015	16.376±0.016	52071
50456.0101	15.205±0.015	16.378±0.016	52097
50457.0521	15.189±0.015	16.366±0.016	52167
50458.0282	15.188±0.015	16.359±0.016	52217
50462.0013	15.144±0.015	16.313±0.015	52256
50463.0037	15.140±0.015	16.314±0.017	52320
50464.1740	15.123±0.015	16.294±0.016	52379
50466.0011	15.120±0.015	16.288±0.016	52402
50466.9580	15.134±0.015	16.305±0.016	52411
50468.0248	15.131±0.015	16.306±0.016	52422
50469.0463	15.058±0.018	16.298±0.019	52492
50470.1101	15.132±0.018	16.313±0.018	52541
50471.0086	15.164±0.015	16.324±0.017	52572
50480.2458	15.244±0.015	16.400±0.016	52722
50495.0549	15.395±0.015	16.537±0.016	53061
50496.9967	15.430±0.015	16.583±0.016	53179
50498.1381	15.437±0.015	16.576±0.016	53241
50499.1033	15.457±0.015	16.605±0.016	53295
50502.0869	15.527±0.016	16.659±0.020	53350
50528.0962	16.887±0.017	18.069±0.036	54166
50540.9399	18.080±0.019	19.307±0.033	54783
50552.9743	18.427±0.043	19.403±0.114	55627
50556.9477	18.377±0.039	19.540±0.158	55851
50559.9640	18.406±0.118	19.318±0.328	55948
50564.9882	18.605±0.031	19.791±0.093	56044
50566.9191	18.632±0.026	19.715±0.060	56257
50568.9309	18.655±0.032	19.788±0.090	56415
50572.8878	18.686±0.054	20.008±0.169	56713
50579.9079	18.654±0.029	19.735±0.066	57090
50583.9725	18.574±0.173	19.431±0.465	57388
50593.2996	18.026±0.031	19.287±0.138	57458
50601.8971	17.483±0.020	18.812±0.046	58055
50603.8809	17.405±0.017	18.749±0.031	58193
50607.3339	17.318±0.018	18.573±0.044	58505
50609.3182	17.229±0.017	18.468±0.035	58723
50617.8801	17.057±0.019	18.358±0.060	59275
50623.2520	16.981±0.017	18.190±0.042	59665
50630.8884	16.716±0.016	17.992±0.026	59792
50635.2674	16.596±0.017	17.798±0.028	60278
50640.2072	16.384±0.016	17.563±0.022	60535
50642.3220	16.344±0.016	17.520±0.021	60624

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50642.8585	16.301±0.016	17.549±0.023	60630
50649.2368	16.251±0.016	17.424±0.030	61106
50653.1952	16.237±0.016	17.419±0.021	61498
50657.1887	16.259±0.016	17.426±0.023	61645
50659.2139	16.314±0.016	17.485±0.020	61838
50663.2150	16.392±0.016	17.571±0.019	62236
50665.2416	16.435±0.016	17.635±0.020	62401
50669.3244	16.456±0.016	17.646±0.026	62478
50671.2971	16.525±0.019	17.695±0.047	62712
50674.2695	16.616±0.016	17.783±0.023	62860
50680.2365	16.871±0.017	18.004±0.038	63307
50681.2461	16.927±0.016	18.098±0.028	63422
50682.2437	16.983±0.016	18.150±0.028	63534
50690.0879	17.573±0.017	18.745±0.032	63989
50700.1429	18.576±0.029	19.594±0.076	64093
50704.0900	19.003±0.059	19.980±0.198	64255
50707.2886	19.245±0.064	20.216±0.214	64395
50714.0352	19.355±0.138	20.170±0.320	64462
50717.1541	19.426±0.031	20.398±0.074	64577
50719.1214	19.309±0.059	20.314±0.183	64678
50720.0479	19.347±0.060	20.078±0.128	64726
50721.0323	19.410±0.048	20.390±0.132	64803
50722.0333	19.371±0.047	20.258±0.114	64889
50723.0221	19.524±0.055	20.224±0.100	64961
50725.0421	19.454±0.099	20.128±0.192	65056
50726.0973	19.534±0.076	20.433±0.192	65151
50727.0918	19.484±0.038	20.440±0.104	65218
50732.0754	19.237±0.096	20.124±0.273	65339
50734.0483	19.329±0.087	20.525±0.446	65476
50735.0282	19.381±0.075	20.308±0.280	65542
50738.0157	19.655±0.336	19.955±0.467	65756
50739.1090	19.322±0.117	20.215±0.326	65830
50742.2327	19.377±0.080	20.372±0.236	65991
50743.0473	19.377±0.041	20.258±0.102	66024
50744.1030	19.466±0.043	20.288±0.098	66058
50745.1540	19.472±0.036	20.467±0.096	66135
50779.2118	18.945±0.028	20.122±0.078	66912
50784.2156	18.852±0.035	20.087±0.112	66940
50786.2193	18.652±0.040	19.726±0.135	67031
50793.9983	18.846±0.068	20.156±0.334	67064
50797.1047	18.737±0.028	19.995±0.094	67153
50798.1567	18.713±0.028	19.873±0.086	67223
50802.0551	18.708±0.039	20.044±0.176	67283
50804.2205	18.589±0.032	19.852±0.106	67374
50808.9368	18.606±0.030	19.876±0.095	67482

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50811.9988	18.603±0.022	19.889±0.068	67547
50813.1598	18.576±0.023	19.780±0.059	67627
50815.0734	18.516±0.028	19.692±0.073	67682
50819.1061	18.394±0.024	19.732±0.066	67714
50825.1914	18.174±0.030	19.385±0.098	67745
50834.2231	17.976±0.019	19.320±0.055	67914
50841.0544	18.040±0.021	19.441±0.071	68144
50842.0569	18.029±0.017	19.433±0.028	68195
50843.0825	18.034±0.019	19.363±0.040	68256
50845.0012	18.084±0.019	19.443±0.043	68289
50847.9769	18.076±0.021	19.424±0.058	68400
50861.0367	17.991±0.024	19.252±0.072	68600
50863.0421	18.040±0.020	19.346±0.048	68729
50865.0802	18.066±0.021	19.386±0.046	68853
50866.9999	18.154±0.021	19.507±0.058	68959
50867.9857	18.217±0.023	19.525±0.073	69008
50869.0591	18.259±0.020	19.560±0.044	69081
50870.0165	18.305±0.030	19.518±0.087	69141
50874.9641	18.686±0.024	19.900±0.061	69294
50876.0950	18.821±0.025	20.159±0.077	69392
50878.9704	18.746±0.123	19.756±0.297	69446
50881.0833	18.981±0.052	20.180±0.192	69536
50882.1113	19.154±0.044	20.351±0.177	69615
50883.0805	19.097±0.050	20.022±0.149	69691
50883.9985	19.218±0.054	20.311±0.231	69761
50889.0449	19.153±0.081	20.134±0.247	69959
50910.1008	18.851±0.075	19.916±0.292	70212
50916.9483	18.405±0.032	19.824±0.149	70430
50939.9557	16.959±0.019	18.299±0.068	71042
50958.8628	16.081±0.016	17.362±0.021	71850
50965.9064	15.825±0.022	17.003±0.062	72284
50973.8485	15.667±0.015	16.893±0.019	72638
50990.2159	15.401±0.015	16.535±0.017	73372
50996.2064	15.352±0.015	16.458±0.018	73756
50999.2438	15.321±0.015	16.435±0.016	73969
51010.3424	15.176±0.015	16.276±0.017	74646
51017.2735	15.135±0.015	16.231±0.016	74823
51026.3080	15.118±0.015	16.208±0.016	75079
51035.2877	15.084±0.015	16.170±0.016	75377
51048.1600	14.955±0.015	16.020±0.016	75542
51050.3068	14.933±0.016	15.997±0.018	75755
51052.2361	14.937±0.015	16.008±0.016	75821
51055.1927	14.971±0.015	16.045±0.016	76064
51058.2843	15.006±0.015	16.077±0.016	76293
51062.0884	15.060±0.016	16.137±0.028	76374

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51072.0405	15.157±0.015	16.223±0.017	76581
51074.1736	15.156±0.015	16.243±0.017	76733
51083.1377	15.280±0.015	16.361±0.016	76873
51085.2087	15.307±0.015	16.387±0.017	77006
51087.1157	15.314±0.015	16.397±0.017	77121
51106.2448	15.402±0.015	16.471±0.017	77679
51108.1279	15.440±0.015	16.520±0.016	77787
51109.1863	15.477±0.015	16.568±0.016	77816
51112.0756	15.537±0.015	16.626±0.018	77963
51113.9900	15.587±0.015	16.686±0.018	78027
51115.0833	15.628±0.017	16.701±0.024	78123
51119.0220	15.782±0.015	16.894±0.019	78162
51120.2220	15.809±0.015	16.938±0.017	78271
51126.9724	15.858±0.016	16.968±0.019	78349
51132.9803	15.817±0.023	16.957±0.062	78435
51137.0651	15.835±0.015	16.976±0.017	78494
51140.1099	15.779±0.016	16.922±0.024	78569
51142.1022	15.751±0.017	16.899±0.029	78630
51148.0873	15.654±0.015	16.813±0.018	78727
51149.2185	15.633±0.015	16.754±0.017	78788
51151.2026	15.594±0.017	16.724±0.031	78807
51154.1412	15.588±0.018	16.695±0.035	78862
51159.0869	15.579±0.015	16.671±0.017	78968
51168.0956	15.572±0.015	16.731±0.016	79029
51172.0566	15.573±0.015	16.718±0.016	79151
51173.0710	15.580±0.015	16.738±0.016	79196
51180.0758	15.733±0.018	16.899±0.030	79313
51185.0579	15.893±0.016	16.963±0.020	79548
51187.9764	16.041±0.015	17.107±0.018	79580
51194.0423	16.326±0.016	17.442±0.019	79688
51196.1790	16.444±0.016	17.577±0.019	79785
51203.9527	17.132±0.017	18.194±0.024	79804
51225.9461	19.214±0.030	20.288±0.068	80084
51232.0363	19.290±0.035	20.416±0.085	80321
51236.1323	19.320±0.048	20.445±0.149	80373
51243.0574	19.093±0.038	20.292±0.127	80583
51248.1054	18.818±0.039	19.973±0.117	80784
51251.9133	18.492±0.022	19.731±0.053	80976
51260.0259	17.750±0.020	19.080±0.050	81172
51284.9457	16.215±0.016	17.454±0.018	82052
51292.0055	15.980±0.015	17.207±0.018	82733
51293.0242	15.951±0.015	17.181±0.017	82845
51303.8927	15.694±0.015	16.899±0.018	83645
51357.3419	14.926±0.015	15.990±0.017	86923
51363.8563	14.887±0.015	15.990±0.016	87401

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51380.2739	15.075±0.023	16.172±0.066	88045
51384.3017	15.021±0.015	16.080±0.016	88420
51387.3258	14.994±0.015	16.074±0.016	88621
51393.3191	14.918±0.015	15.982±0.016	89051
51395.2487	14.906±0.015	15.971±0.016	89274
51401.2257	14.875±0.015	15.922±0.016	89595
51406.2029	14.802±0.015	15.858±0.015	89947
51408.2372	14.803±0.015	15.851±0.015	90122
51411.2165	14.767±0.015	15.823±0.016	90335
51415.1701	14.753±0.015	15.792±0.016	90747
51422.2554	14.814±0.015	15.854±0.016	91193
51427.1862	14.847±0.015	15.877±0.016	91375
51430.1783	14.836±0.019	15.855±0.040	91550
51433.1426	14.827±0.015	15.864±0.016	91724
51434.1950	14.826±0.015	15.863±0.015	91839
51435.2504	14.818±0.015	15.848±0.016	91962
51436.2515	14.816±0.015	15.849±0.015	92026
51440.0685	14.819±0.015	15.844±0.016	92107
51441.1714	14.835±0.015	15.860±0.015	92209
51444.1093	14.845±0.015	15.858±0.016	92334
51447.0831	14.851±0.015	15.877±0.017	92443
51450.2431	14.868±0.017	15.888±0.027	92478
51459.0808	14.933±0.015	15.960±0.015	92592
51463.1432	15.033±0.015	16.078±0.016	92700
51464.1209	15.064±0.015	16.103±0.016	92772
51467.1136	15.117±0.015	16.162±0.016	92813
51471.0530	15.216±0.015	16.263±0.018	92927
51472.1643	15.242±0.015	16.290±0.016	93015
51479.1589	15.490±0.015	16.533±0.018	93226
51480.1017	15.539±0.015	16.587±0.016	93288
51485.2347	15.802±0.016	16.864±0.019	93414
51487.2222	15.895±0.015	16.949±0.016	93454
51489.2127	15.979±0.015	17.026±0.017	93500
51492.0454	16.141±0.016	17.251±0.021	93566
51493.1627	16.192±0.016	17.276±0.020	93651
51494.1753	16.227±0.016	17.336±0.018	93689
51495.9716	16.358±0.016	17.461±0.019	93753
51506.1729	16.594±0.016	17.714±0.025	93892
51508.2123	16.556±0.016	17.694±0.021	93939
51513.1081	16.506±0.016	17.652±0.018	94039
51514.1630	16.498±0.016	17.654±0.018	94116
51515.0242	16.504±0.016	17.652±0.018	94151
51519.1001	16.460±0.020	17.647±0.047	94281
51526.9739	16.327±0.016	17.461±0.019	94392
51526.9783	16.323±0.016	17.474±0.019	94393

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51530.9718	16.224±0.016	17.337±0.022	94461
51533.1436	16.188±0.016	17.287±0.020	94544
51541.9585	16.246±0.016	17.369±0.018	94608
51545.2230	16.257±0.016	17.423±0.018	94708

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 2.5871.1759

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48842.1170	14.950±0.019	16.328±0.052	744
48842.3093	14.931±0.018	16.270±0.035	778
48851.1401	15.012±0.019	16.441±0.060	882
48885.1579	14.974±0.018	16.311±0.035	1112
48886.1260	14.911±0.017	16.257±0.029	1146
48889.2447	14.912±0.017	16.160±0.017	1209
48893.2817	14.929±0.018	16.270±0.038	1232
48896.2756	14.922±0.017	16.202±0.028	1278
48897.2772	14.889±0.017	16.190±0.027	1291
48920.0434	14.747±0.016	16.021±0.021	1529
48921.0316	14.746±0.017	16.021±0.024	1580
48927.9922	14.830±0.018	16.164±0.039	1608
48929.9731	14.775±0.017	16.075±0.030	1724
48931.9867	14.780±0.017	16.081±0.027	1809
48932.1599	14.781±0.017	16.070±0.027	1845
48939.0102	14.846±0.018	16.202±0.046	1965
48940.0268	14.767±0.017	16.065±0.026	2022
48942.0880	14.811±0.020	16.082±0.054	2067
48950.0240	14.749±0.017	16.032±0.024	2165
48966.0216	14.774±0.017	16.102±0.033	2209
48967.0127	14.684±0.017	15.951±0.024	2255
48990.0305	14.755±0.017	16.033±0.028	2525
48997.2221	14.736±0.018	16.017±0.024	2607
48997.2363	14.712±0.019	15.994±0.026	2610
48998.9803	14.720±0.016	15.956±0.016	2621
49000.9952	14.833±0.018	16.128±0.038	2689
49001.1784	14.746±0.017	16.010±0.018	2724
49001.9831	14.719±0.016	16.005±0.023	2739
49002.1768	14.793±0.018	16.062±0.018	2776
49002.9806	14.701±0.016	15.963±0.019	2801
49004.1711	14.776±0.021	16.027±0.038	2835
49004.2338	14.783±0.019	16.020±0.024	2836
49006.9904	14.739±0.016	15.965±0.019	2856
49007.1742	14.804±0.018	16.072±0.019	2891
49007.9990	14.866±0.018	16.194±0.037	2916
49008.1585	14.776±0.017	16.051±0.017	2940
49011.1619	14.819±0.019	16.098±0.027	2971
49017.0171	14.875±0.017	16.147±0.029	3094
49022.0362	14.864±0.016	16.059±0.022	3262
49024.9800	14.906±0.018	16.089±0.024	3319
49029.9840	14.996±0.019	16.351±0.044	3382
49032.9755	14.974±0.018	16.306±0.035	3410
49036.1136	14.920±0.018	16.206±0.019	3500
49037.1876	14.923±0.018	16.229±0.020	3511
49041.0526	14.911±0.017	16.222±0.017	3603

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49043.9773	14.911±0.017	16.234±0.027	3692
49044.0790	14.922±0.018	16.217±0.017	3710
49044.9885	14.990±0.018	16.349±0.039	3758
49045.9642	14.894±0.016	16.176±0.021	3808
49046.0757	14.935±0.018	16.247±0.017	3827
49048.9718	14.999±0.018	16.352±0.040	3905
49049.0613	14.944±0.018	16.247±0.019	3921
49049.9815	15.045±0.019	16.446±0.056	3971
49050.1364	14.938±0.018	16.236±0.019	3994
49051.9594	14.932±0.017	16.245±0.031	4060
49051.9639	14.917±0.015	16.276±0.035	4061
49054.0640	14.898±0.017	16.215±0.019	4072
49059.9918	14.894±0.017	16.213±0.017	4134
49060.9454	14.890±0.017	16.159±0.022	4172
49061.9420	14.872±0.015	16.143±0.022	4212
49062.9400	14.919±0.017	16.226±0.029	4258
49065.0451	14.879±0.017	16.190±0.017	4282
49066.0163	14.863±0.017	16.171±0.016	4339
49066.1503	14.858±0.017	16.136±0.018	4366
49067.9249	14.926±0.018	16.270±0.035	4426
49068.0807	14.890±0.018	16.172±0.018	4453
49069.0024	14.878±0.017	16.158±0.016	4479
49069.9792	14.865±0.017	16.152±0.018	4534
49070.0932	14.802±0.016	16.100±0.016	4556
49074.9599	14.839±0.017	16.126±0.017	4605
49075.0691	14.859±0.018	16.121±0.019	4624
49075.9659	14.848±0.017	16.112±0.018	4645
49077.0026	14.823±0.018	16.100±0.018	4698
49077.1165	14.853±0.018	16.097±0.020	4721
49077.9619	14.787±0.016	16.076±0.016	4769
49081.0322	14.782±0.016	16.048±0.017	4840
49084.9787	14.787±0.017	16.058±0.018	5008
49086.9547	14.771±0.017	16.032±0.017	5030
49088.9720	14.775±0.018	16.027±0.017	5117
49089.9778	14.760±0.017	16.029±0.016	5172
49093.0207	14.751±0.017	16.026±0.018	5253
49093.9113	14.771±0.017	16.000±0.016	5269
49094.9157	14.759±0.016	15.994±0.016	5296
49097.9171	14.729±0.017	15.978±0.016	5580
49098.0446	14.722±0.017	15.963±0.017	5602
49098.9149	14.718±0.016	15.974±0.016	5672
49099.0246	14.717±0.017	15.942±0.017	5694
49099.9041	14.748±0.017	15.975±0.017	5711
49100.0105	14.736±0.017	15.950±0.017	5734
49100.9030	14.699±0.016	15.957±0.017	5817

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49101.9166	14.680±0.016	15.966±0.016	5877
49103.9133	14.700±0.017	15.954±0.016	5904
49106.9937	14.697±0.017	15.922±0.017	6031
49107.9302	14.678±0.017	15.939±0.017	6070
49108.0654	14.683±0.017	15.927±0.018	6096
49108.9152	14.694±0.016	15.927±0.016	6133
49112.9222	14.672±0.016	15.929±0.017	6384
49114.9055	14.694±0.017	15.950±0.017	6471
49117.9190	14.743±0.018	15.979±0.018	6559
49118.9332	14.707±0.018	15.946±0.017	6656
49120.8966	14.710±0.017	15.954±0.016	6709
49124.8960	14.744±0.018	15.988±0.017	7034
49125.8961	14.729±0.017	16.019±0.017	7139
49126.8943	14.731±0.016	15.994±0.016	7254
49127.9051	14.755±0.017	15.996±0.017	7362
49133.3078	14.903±0.018	16.261±0.048	7585
49133.9649	14.738±0.017	15.991±0.017	7603
49135.8850	14.764±0.017	16.033±0.017	7764
49141.3090	14.918±0.019	16.218±0.045	7899
49142.3092	14.869±0.018	16.129±0.037	7960
49143.8901	14.830±0.018	16.105±0.019	8040
49144.2940	14.864±0.018	16.163±0.037	8081
49144.8842	14.909±0.017	16.098±0.017	8102
49145.3119	14.859±0.018	16.127±0.035	8183
49146.8795	14.921±0.019	16.139±0.020	8256
49153.2913	14.818±0.018	16.086±0.028	8501
49153.8922	14.936±0.018	16.112±0.017	8522
49156.8896	14.871±0.024	16.166±0.054	8638
49156.9046	14.841±0.018	16.106±0.019	8640
49163.8828	15.060±0.019	16.201±0.018	8926
49164.8837	15.003±0.019	16.186±0.019	9027
49170.3245	14.953±0.018	16.294±0.038	9332
49172.8779	14.867±0.017	16.141±0.020	9371
49179.2752	14.932±0.018	16.248±0.035	9525
49180.2355	14.936±0.018	16.280±0.043	9552
49180.2532	15.007±0.020	16.415±0.066	9556
49181.2034	14.904±0.018	16.155±0.027	9634
49182.1848	14.969±0.019	16.282±0.043	9728
49183.2892	14.972±0.019	16.326±0.047	9754
49189.1716	14.961±0.019	16.265±0.039	10153
49190.1798	14.930±0.018	16.219±0.035	10242
49195.1938	14.924±0.018	16.238±0.037	10362
49196.1434	14.814±0.015	16.097±0.026	10438
49197.1924	14.952±0.019	16.324±0.051	10514
49200.2103	14.849±0.017	16.101±0.027	10583

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49204.1620	14.880±0.018	16.192±0.036	10719
49205.1609	14.938±0.019	16.269±0.046	10818
49212.1786	14.827±0.017	16.092±0.024	11189
49218.1153	14.764±0.016	15.998±0.018	11476
49219.1062	14.764±0.017	16.035±0.022	11545
49224.0905	14.888±0.018	16.165±0.036	11879
49225.0772	14.851±0.018	16.075±0.032	11943
49226.2955	14.812±0.017	16.017±0.030	11997
49255.1304	14.770±0.017	16.029±0.022	12188
49256.0369	14.845±0.018	16.120±0.031	12242
49259.2366	14.757±0.016	16.032±0.019	12467
49261.0355	14.782±0.017	16.029±0.026	12511
49266.0108	14.796±0.017	16.061±0.024	12576
49267.0804	14.793±0.018	16.021±0.028	12614
49268.1168	14.829±0.017	16.107±0.028	12650
49312.2428	14.984±0.019	16.272±0.021	13615
49313.0449	14.947±0.017	16.270±0.028	13632
49313.2374	14.904±0.017	16.236±0.017	13670
49373.0044	14.769±0.016	16.050±0.020	13914
49375.1445	14.811±0.019	16.016±0.029	13962
49375.1627	14.792±0.018	16.053±0.019	13966
49375.9952	14.770±0.017	16.031±0.023	13982
49377.0184	14.738±0.016	16.011±0.021	14042
49378.9701	14.743±0.017	15.994±0.026	14138
49381.0863	14.777±0.017	16.049±0.018	14215
49385.2059	14.742±0.017	16.009±0.017	14316
49386.9947	14.805±0.018	16.152±0.035	14355
49389.1164	14.736±0.017	15.998±0.018	14409
49390.9849	14.841±0.018	16.206±0.044	14433
49393.2532	14.740±0.018	15.982±0.019	14492
49397.1221	14.705±0.017	15.957±0.018	14507
49399.9656	14.813±0.018	16.149±0.041	14573
49401.2098	14.726±0.019	15.954±0.025	14640
49405.1675	14.698±0.017	15.943±0.017	14658
49406.1134	14.682±0.016	15.942±0.017	14694
49407.1600	14.679±0.017	15.927±0.018	14742
49410.0851	14.663±0.016	15.923±0.017	14818
49412.8320	14.671±0.016	15.931±0.017	14895
49413.9621	14.655±0.016	15.889±0.019	14939
49416.9518	14.700±0.017	15.951±0.023	15057
49417.9575	14.722±0.017	15.976±0.028	15096
49424.0427	14.732±0.018	15.983±0.018	15134
49424.9504	14.744±0.017	16.039±0.030	15164
49426.0963	14.788±0.017	15.976±0.017	15248
49427.0138	14.715±0.016	15.977±0.016	15312

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49429.0893	14.728±0.018	15.990±0.018	15393
49432.9765	14.756±0.020	15.977±0.034	15487
49433.0975	14.751±0.017	15.970±0.017	15488
49435.0554	14.711±0.017	15.973±0.017	15575
49453.0402	14.846±0.018	16.126±0.019	16334
49457.9777	14.800±0.017	16.098±0.017	16460
49458.9979	14.779±0.016	16.080±0.016	16486
49460.9685	14.821±0.017	16.116±0.018	16576
49462.9621	14.801±0.017	16.104±0.017	16723
49464.9656	14.843±0.018	16.128±0.021	16819
49466.9785	14.787±0.016	16.102±0.017	16923
49468.0162	14.814±0.018	16.112±0.023	16992
49470.0722	14.833±0.019	16.121±0.024	17114
49473.0252	14.812±0.018	16.102±0.019	17218
49474.0455	14.791±0.017	16.076±0.018	17296
49479.9103	14.800±0.017	16.105±0.018	17527
49482.0133	14.725±0.016	16.034±0.017	17612
49483.9867	14.803±0.018	16.094±0.019	17644
49484.8936	14.742±0.016	16.071±0.016	17728
49485.9572	14.810±0.017	16.090±0.018	17816
49487.9832	14.778±0.017	16.066±0.017	17982
49488.9683	14.820±0.018	16.103±0.019	18065
49505.9788	14.724±0.017	15.983±0.018	18735
49509.9397	14.684±0.016	15.961±0.017	18820
49512.9249	14.756±0.018	15.999±0.019	18933
49513.9313	14.759±0.018	16.012±0.019	19030
49514.3296	14.747±0.017	16.013±0.029	19099
49519.8899	14.737±0.018	15.981±0.019	19366
49526.3064	14.738±0.017	15.988±0.029	19564
49530.9016	14.732±0.018	15.982±0.019	19642
49531.3379	14.808±0.018	16.097±0.037	19723
49532.2586	14.841±0.019	16.161±0.041	19750
49532.2821	14.711±0.017	15.945±0.023	19751
49532.8762	14.724±0.017	15.969±0.018	19771
49533.8806	14.611±0.016	15.900±0.017	19835
49541.8735	14.709±0.017	15.952±0.017	20419
49542.8710	14.665±0.016	15.953±0.016	20480
49546.3176	14.817±0.018	16.106±0.032	20651
49551.2117	14.839±0.018	16.124±0.033	21009
49551.3295	14.802±0.017	16.069±0.025	21032
49553.1727	14.742±0.017	15.983±0.022	21103
49554.1386	14.912±0.019	16.273±0.056	21157
49555.1534	14.916±0.019	16.244±0.054	21216
49557.2004	14.832±0.018	16.106±0.038	21382
49558.2726	14.947±0.019	16.301±0.054	21458

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49559.3039	14.898±0.018	16.239±0.042	21550
49560.1817	14.820±0.017	16.037±0.024	21597
49562.3260	14.919±0.018	16.254±0.041	21772
49563.2622	14.878±0.018	16.185±0.034	21832
49567.1553	14.928±0.018	16.234±0.042	21906
49568.1976	14.821±0.015	16.112±0.025	22004
49569.2349	14.921±0.018	16.246±0.038	22085
49570.1970	14.850±0.015	16.191±0.032	22160
49572.1611	14.966±0.019	16.338±0.047	22251
49573.1876	14.971±0.019	16.345±0.048	22336
49574.1588	14.942±0.018	16.304±0.043	22416
49575.1587	14.791±0.016	16.080±0.016	22501
49580.1591	14.821±0.016	16.095±0.020	22787
49581.1189	14.828±0.016	16.090±0.016	22862
49586.1626	14.950±0.018	16.296±0.047	23050
49588.1521	14.950±0.018	16.393±0.056	23190
49589.1877	14.892±0.017	16.202±0.030	23261
49590.1329	14.827±0.016	16.107±0.016	23316
49591.1234	14.839±0.016	16.120±0.021	23365
49591.3099	14.858±0.016	16.185±0.016	23391
49592.1472	14.883±0.017	16.184±0.028	23442
49596.1673	14.986±0.019	16.372±0.049	23630
49597.1455	14.807±0.016	16.072±0.019	23692
49598.2139	14.835±0.016	16.122±0.020	23763
49598.3176	14.871±0.018	16.179±0.020	23778
49599.1769	14.912±0.018	16.252±0.034	23823
49600.1963	14.921±0.019	16.198±0.042	23889
49603.1371	14.848±0.017	16.140±0.025	23968
49605.1555	14.830±0.017	16.105±0.023	24020
49606.1515	14.771±0.016	16.061±0.018	24095
49607.1475	14.817±0.016	16.100±0.021	24174
49607.3013	14.820±0.017	16.139±0.017	24200
49621.1442	14.741±0.016	16.006±0.018	25002
49622.2778	14.896±0.018	16.244±0.046	25034
49623.2186	14.787±0.017	16.062±0.024	25046
49626.1311	14.727±0.016	15.974±0.019	25183
49628.1387	14.834±0.018	16.132±0.032	25237
49629.1827	14.788±0.017	16.058±0.025	25288
49630.1836	14.780±0.017	16.060±0.027	25319
49631.1065	14.760±0.017	16.018±0.024	25374
49634.0519	14.758±0.017	16.014±0.024	25443
49635.0413	14.676±0.016	15.935±0.019	25488
49636.1132	14.786±0.018	16.085±0.034	25557
49637.0833	14.799±0.018	16.093±0.035	25623
49638.1637	14.718±0.017	15.967±0.024	25655

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49639.1394	14.705±0.017	15.949±0.029	25695
49643.0314	14.660±0.016	15.912±0.021	25884
49646.1054	14.677±0.017	15.927±0.028	25929
49649.0238	14.639±0.016	15.865±0.022	26006
49650.0195	14.641±0.016	15.882±0.021	26069
49652.1543	14.607±0.016	15.848±0.019	26151
49654.1600	14.681±0.017	15.948±0.028	26176
49661.1671	14.698±0.017	15.950±0.028	26246
49667.2381	14.605±0.016	15.881±0.016	26377
49671.2402	14.672±0.018	15.916±0.019	26472
49674.2108	14.605±0.016	15.895±0.016	26540
49718.1609	14.792±0.016	16.101±0.016	27529
49730.2070	14.785±0.017	16.090±0.016	27680
49731.0615	14.782±0.016	16.114±0.016	27702
49742.1256	14.805±0.017	16.112±0.017	27876
49746.1701	14.899±0.017	16.142±0.017	27962
49748.1312	14.871±0.018	16.139±0.019	28065
49749.1418	14.840±0.017	16.123±0.018	28117
49750.2373	14.790±0.017	16.079±0.017	28178
49752.0386	14.792±0.016	16.114±0.016	28202
49753.1670	14.788±0.016	16.117±0.017	28286
49753.1858	14.791±0.017	16.076±0.016	28290
49755.0490	14.852±0.018	16.137±0.017	28318
49761.2648	14.830±0.018	16.118±0.019	28478
49763.0924	14.819±0.017	16.109±0.017	28510
49765.2235	14.810±0.017	16.130±0.019	28564
49768.1583	14.852±0.019	16.124±0.026	28629
49785.0284	14.840±0.017	16.141±0.017	28684
49787.2049	14.835±0.018	16.140±0.019	28735
49791.0032	14.879±0.018	16.178±0.019	28969
49796.0024	14.848±0.017	16.164±0.018	29105
49798.0261	14.817±0.016	16.151±0.016	29192
49799.9915	14.834±0.016	16.162±0.016	29273
49801.0803	14.856±0.017	16.151±0.018	29373
49802.0221	14.850±0.017	16.164±0.017	29435
49804.9979	14.857±0.017	16.143±0.017	29524
49806.9974	14.851±0.017	16.168±0.017	29631
49808.9949	14.828±0.017	16.138±0.016	29744
49810.0462	14.812±0.017	16.120±0.017	29823
49811.0179	14.812±0.017	16.119±0.017	29885
49820.0141	14.798±0.018	16.145±0.028	30127
49827.0167	14.806±0.017	16.097±0.019	30328
49829.0715	14.733±0.015	15.997±0.016	30430
49831.9815	14.806±0.018	16.068±0.018	30538
49843.0210	14.863±0.019	16.094±0.019	30769

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49852.9413	14.742±0.016	16.028±0.017	30969
49856.9925	14.742±0.015	16.050±0.018	31096
49858.9804	14.858±0.019	16.092±0.019	31137
49862.9537	14.850±0.019	16.097±0.022	31249
49866.9016	14.742±0.016	16.045±0.016	31371
49869.8526	14.777±0.016	16.072±0.017	31418
49872.9594	14.890±0.018	16.094±0.018	31504
49875.8926	14.853±0.018	16.135±0.020	31609
49887.8958	14.857±0.018	16.126±0.019	31927
49889.8813	14.912±0.019	16.153±0.020	32099
49891.8902	14.851±0.017	16.130±0.018	32325
49906.3354	14.960±0.018	16.311±0.038	32856
49918.3000	14.904±0.018	16.225±0.035	33162
49922.2423	14.850±0.018	16.119±0.031	33324
49940.1719	14.697±0.016	15.881±0.017	34499
49941.3096	14.776±0.017	16.023±0.032	34603
49942.1528	14.771±0.018	16.023±0.035	34677
49943.2255	14.685±0.016	15.909±0.019	34805
49944.2184	14.736±0.017	15.970±0.029	34917
49945.2416	14.827±0.018	16.101±0.042	35015
49947.3100	14.790±0.018	16.072±0.035	35141
49950.1170	14.804±0.018	16.045±0.034	35382
49953.2178	14.673±0.016	15.891±0.021	35562
49954.1349	14.706±0.017	15.924±0.023	35623
49958.0870	14.668±0.016	15.876±0.019	35868
49962.1004	14.740±0.017	15.921±0.016	36023
49967.1987	14.737±0.017	15.981±0.024	36221
49968.1898	14.679±0.016	15.894±0.020	36282
49971.0565	14.800±0.018	16.047±0.034	36371
49973.0700	14.720±0.017	15.925±0.025	36480
49973.1713	14.731±0.016	15.979±0.019	36493
49975.2727	14.733±0.016	15.985±0.021	36585
49981.0976	14.888±0.018	16.206±0.041	36690
49983.0325	14.803±0.017	16.013±0.021	36790
49987.1069	14.902±0.017	16.186±0.032	36866
49988.0432	14.820±0.017	16.039±0.022	36935
49995.0724	14.899±0.017	16.181±0.025	37078
49995.2786	14.986±0.018	16.323±0.040	37124
49997.1063	14.914±0.017	16.210±0.027	37181
49998.1630	15.064±0.019	16.436±0.063	37258
49999.1867	14.978±0.017	16.281±0.030	37335
50006.1016	14.955±0.017	16.242±0.024	37475
50007.0877	15.026±0.017	16.321±0.024	37551
50008.1697	15.185±0.019	16.601±0.057	37609
50014.0548	15.189±0.019	16.584±0.050	37666

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50020.2161	15.189±0.023	16.528±0.048	37773
50023.1895	15.239±0.020	16.622±0.056	37869
50030.0325	15.345±0.021	16.830±0.080	37919
50037.0342	15.183±0.017	16.502±0.025	38029
50039.1086	15.177±0.016	16.481±0.016	38077
50039.2357	15.181±0.016	16.481±0.016	38103
50047.0787	15.342±0.019	16.689±0.046	38204
50049.1723	15.339±0.019	16.649±0.034	38309
50055.1926	15.350±0.018	16.649±0.032	38333
50058.0591	15.519±0.023	16.946±0.080	38351
50059.0701	15.419±0.019	16.747±0.039	38413
50062.0686	15.500±0.021	16.841±0.053	38456
50064.0391	15.575±0.023	16.991±0.081	38525
50067.0722	15.473±0.020	16.715±0.017	38582
50072.0085	15.478±0.018	16.755±0.016	38634
50073.0710	15.688±0.024	17.123±0.078	38693
50075.0431	15.643±0.022	17.017±0.057	38751
50078.1126	15.580±0.015	16.866±0.028	38800
50087.2299	15.672±0.028	17.027±0.098	38859
50090.0486	15.724±0.021	16.964±0.018	38920
50092.0808	15.708±0.020	16.966±0.018	38969
50096.0746	15.826±0.024	17.087±0.050	39043
50100.1880	15.853±0.024	17.092±0.025	39055
50108.0895	15.881±0.019	17.176±0.017	39176
50109.0873	15.925±0.022	17.198±0.018	39239
50110.0953	15.953±0.022	17.217±0.018	39300
50124.0377	16.254±0.033	17.469±0.031	39396
50125.0796	16.314±0.035	17.551±0.034	39459
50127.0705	16.198±0.026	17.469±0.019	39566
50129.0909	16.253±0.027	17.484±0.018	39700
50132.0557	16.317±0.030	17.565±0.019	39803
50133.0027	16.382±0.031	17.606±0.019	39862
50136.1018	16.540±0.047	17.669±0.047	39961
50139.1267	16.433±0.035	17.643±0.022	40006
50141.9968	16.459±0.032	17.727±0.022	40070
50146.0203	16.467±0.020	17.778±0.048	40135
50152.0121	16.680±0.039	17.897±0.026	40183
50154.9514	16.676±0.034	17.909±0.021	40256
50158.0502	16.762±0.030	18.084±0.063	40389
50162.0813	16.970±0.060	18.051±0.039	40579
50169.1506	16.858±0.025	18.127±0.049	40762
50173.0453	16.908±0.025	18.217±0.058	40918
50178.9735	17.050±0.049	18.285±0.045	41272
50182.0045	17.295±0.079	18.338±0.046	41344
50188.9529	17.073±0.051	18.301±0.045	41550

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50192.9316	17.175±0.062	18.355±0.032	41628
50194.0359	17.244±0.072	18.380±0.044	41710
50196.9977	16.977±0.022	18.365±0.045	41760
50198.0457	17.157±0.036	18.815±0.162	41821
50199.9585	17.197±0.064	18.446±0.052	42013
50200.9570	17.029±0.033	18.348±0.069	42129
50201.9679	17.269±0.076	18.487±0.067	42247
50206.9365	16.863±0.022	18.278±0.075	42374
50212.9207	17.156±0.073	18.306±0.047	42455
50214.9450	16.998±0.039	18.429±0.122	42617
50216.9200	16.847±0.025	18.235±0.049	42722
50218.8868	16.881±0.041	18.197±0.030	42896
50219.9235	16.946±0.051	18.197±0.036	42984
50220.9949	16.836±0.042	18.122±0.029	43103
50223.9791	16.757±0.023	18.110±0.045	43190
50224.9840	16.775±0.023	18.193±0.049	43299
50226.8847	16.870±0.049	18.084±0.037	43439
50227.8902	16.948±0.056	18.110±0.035	43498
50228.9893	16.956±0.049	18.404±0.069	43640
50232.8890	16.562±0.027	17.982±0.025	44026
50234.9004	16.769±0.048	18.008±0.047	44254
50236.9027	16.760±0.050	17.939±0.056	44366
50243.8897	16.600±0.028	17.955±0.042	44731
50245.8822	16.632±0.046	17.889±0.030	44932
50247.8955	16.516±0.036	17.823±0.024	45146
50264.2943	16.717±0.055	18.368±0.260	45758
50267.8903	16.278±0.028	17.676±0.033	45862
50272.2719	16.910±0.045	19.310±0.790	46057
50277.2740	16.282±0.026	17.577±0.021	46289
50279.2188	16.814±0.046	18.937±0.521	46447
50294.2684	16.328±0.036	17.547±0.039	46550
50298.3228	16.488±0.036	18.383±0.324	46662
50302.3284	16.371±0.034	18.026±0.170	46790
50305.2275	16.173±0.031	17.388±0.024	47044
50307.3116	16.149±0.030	17.384±0.023	47264
50308.1626	16.156±0.031	17.372±0.023	47348
50316.3045	16.026±0.024	17.306±0.019	47878
50320.3011	16.093±0.028	17.320±0.022	48109
50328.2642	16.364±0.035	18.215±0.271	48286
50330.2814	16.048±0.027	17.329±0.021	48366
50336.1960	16.090±0.031	17.293±0.024	48479
50350.1648	15.946±0.024	17.224±0.022	48899
50351.1317	16.234±0.031	18.043±0.233	48969
50354.0221	15.984±0.028	17.264±0.035	49086
50367.2171	16.074±0.028	17.739±0.167	49352

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50369.0551	15.844±0.025	17.103±0.021	49389
50372.0467	15.706±0.019	17.015±0.017	49609
50375.0606	15.720±0.021	17.000±0.018	49671
50377.0418	15.711±0.022	16.970±0.019	49733
50378.0691	15.615±0.017	16.952±0.017	49808
50380.0865	15.664±0.019	16.971±0.019	49866
50381.0414	15.766±0.027	16.977±0.035	49926
50385.1211	15.750±0.024	16.994±0.023	49967
50386.1650	15.798±0.024	17.257±0.092	50033
50390.0135	15.635±0.021	16.889±0.018	50109
50396.0943	15.568±0.018	16.866±0.017	50185
50397.2049	15.577±0.018	16.862±0.017	50262
50398.1557	15.643±0.022	16.905±0.019	50315
50400.1679	15.718±0.026	16.941±0.027	50392
50402.1535	15.601±0.021	16.857±0.018	50449
50406.0206	15.573±0.020	16.846±0.018	50485
50407.0200	15.531±0.018	16.847±0.017	50551
50408.0551	15.545±0.019	16.850±0.018	50616
50410.0248	15.620±0.023	16.854±0.022	50646
50411.1014	15.609±0.021	16.998±0.046	50706
50412.1032	15.529±0.018	16.855±0.018	50762
50417.2106	15.670±0.022	17.070±0.059	50879
50420.0218	15.628±0.023	16.870±0.019	50961
50421.0677	15.531±0.018	16.842±0.016	51028
50426.0091	15.534±0.018	16.799±0.029	51119
50429.1411	15.582±0.019	16.836±0.017	51252
50432.0471	15.524±0.018	16.912±0.017	51347
50433.0757	15.548±0.019	16.926±0.017	51415
50434.0879	15.636±0.023	16.975±0.023	51463
50436.0979	15.529±0.019	16.932±0.019	51507
50438.0492	15.600±0.021	16.887±0.019	51564
50439.0904	15.665±0.022	17.057±0.068	51632
50440.2265	15.691±0.025	16.986±0.028	51684
50441.2139	15.657±0.028	16.965±0.042	51734
50446.0939	15.545±0.019	16.923±0.018	51830
50450.0015	15.521±0.018	16.849±0.017	51880
50451.1872	15.501±0.018	16.899±0.019	51939
50452.1201	15.530±0.018	16.844±0.016	51983
50453.0792	15.509±0.019	16.887±0.017	52016
50454.1014	15.590±0.023	16.919±0.025	52078
50456.1807	15.560±0.021	16.901±0.020	52135
50457.2284	15.648±0.044	17.253±0.226	52205
50463.0308	15.513±0.019	16.906±0.019	52326
50464.2178	15.488±0.019	16.851±0.017	52387
50468.0520	15.506±0.020	16.892±0.022	52428

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50469.0728	15.588±0.025	16.968±0.028	52498
50470.1421	15.595±0.031	16.882±0.023	52547
50471.1399	15.477±0.019	16.847±0.019	52600
50479.2266	15.449±0.019	16.787±0.021	52658
50480.1621	15.404±0.018	16.786±0.017	52706
50483.0653	15.407±0.018	16.783±0.018	52766
50485.1633	15.388±0.018	16.763±0.017	52851
50486.9870	15.450±0.020	16.792±0.021	52892
50492.9635	15.392±0.018	16.777±0.017	52966
50495.0440	15.422±0.019	16.793±0.019	53059
50496.0207	15.372±0.018	16.743±0.017	53120
50498.1292	15.379±0.018	16.751±0.018	53239
50499.0988	15.422±0.019	16.771±0.018	53294
50502.1600	15.452±0.022	16.787±0.033	53364
50506.9617	15.405±0.018	16.758±0.018	53423
50510.9880	15.388±0.018	16.760±0.017	53534
50518.9843	15.389±0.017	16.752±0.016	53649
50521.9836	15.428±0.019	16.759±0.017	53832
50523.0948	15.354±0.018	16.735±0.017	53940
50523.9929	15.404±0.019	16.745±0.018	53988
50526.0177	15.422±0.020	16.741±0.019	54018
50528.1094	15.369±0.019	16.684±0.020	54169
50529.9864	15.352±0.019	16.705±0.021	54226
50531.9706	15.367±0.019	16.696±0.023	54374
50533.9358	15.323±0.018	16.694±0.018	54417
50535.0456	15.431±0.021	16.746±0.025	54538
50535.9614	15.376±0.019	16.715±0.018	54612
50537.9763	15.382±0.019	16.712±0.019	54667
50540.9442	15.312±0.017	16.668±0.016	54784
50544.0718	15.347±0.019	16.682±0.020	54986
50545.9591	15.373±0.021	16.698±0.021	55128
50547.9237	15.301±0.018	16.640±0.017	55310
50550.9259	15.302±0.018	16.634±0.017	55439
50552.9565	15.288±0.019	16.594±0.018	55623
50554.0349	15.288±0.019	16.620±0.021	55680
50555.0367	15.264±0.018	16.581±0.018	55737
50556.9742	15.212±0.015	16.533±0.020	55857
50565.0147	15.248±0.018	16.589±0.021	56050
50568.9603	15.275±0.019	16.590±0.021	56421
50576.8828	15.345±0.021	16.652±0.023	56857
50579.8725	15.304±0.019	16.615±0.019	57082
50581.8832	15.219±0.017	16.556±0.016	57258
50593.3217	15.274±0.019	16.569±0.032	57463
50598.9752	15.287±0.021	16.572±0.023	57759
50608.2880	15.327±0.021	16.526±0.021	58606

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50610.8781	15.255±0.021	16.509±0.030	58747
50614.8587	15.304±0.021	16.609±0.025	58945
50616.8911	15.314±0.022	16.576±0.027	59189
50618.8769	15.180±0.015	16.527±0.022	59387
50622.8739	15.212±0.019	16.521±0.019	59566
50631.8616	15.206±0.019	16.513±0.019	59861
50640.2362	15.298±0.020	16.573±0.042	60541
50643.1877	15.315±0.020	16.638±0.043	60709
50648.2399	15.240±0.019	16.529±0.038	61007
50652.1902	15.282±0.020	16.610±0.048	61383
50657.1445	15.295±0.022	16.500±0.024	61635
50659.2042	15.292±0.020	16.656±0.047	61836
50660.3062	15.153±0.017	16.440±0.016	61960
50663.2062	15.227±0.019	16.521±0.032	62234
50665.2294	15.248±0.019	16.458±0.018	62399
50669.3103	15.287±0.021	16.500±0.021	62475
50674.2600	15.304±0.020	16.665±0.050	62858
50680.1730	15.187±0.018	16.516±0.037	63295
50681.1686	15.205±0.018	16.542±0.036	63407
50682.1238	15.135±0.017	16.418±0.017	63506
50689.2425	15.159±0.018	16.426±0.017	63943
50700.1207	15.191±0.018	16.492±0.032	64088
50705.2690	15.118±0.017	16.394±0.016	64359
50714.1652	15.133±0.017	16.441±0.028	64475
50717.2122	15.071±0.017	16.361±0.016	64589
50719.0215	15.189±0.020	16.399±0.019	64657
50721.0102	15.180±0.019	16.481±0.039	64798
50722.0112	15.147±0.019	16.436±0.033	64884
50723.0045	15.098±0.018	16.376±0.026	64957
50726.0752	15.152±0.018	16.435±0.030	65146
50727.0008	15.170±0.019	16.487±0.035	65196
50730.1760	15.223±0.019	16.574±0.045	65236
50732.0576	15.287±0.021	16.621±0.058	65335
50734.9796	15.168±0.019	16.457±0.041	65532
50737.9847	15.166±0.019	16.359±0.024	65749
50739.0217	15.237±0.021	16.411±0.028	65811
50739.9970	15.137±0.018	16.428±0.032	65874
50741.9627	15.162±0.018	16.451±0.032	65929
50744.0721	15.120±0.018	16.369±0.017	66051
50779.1897	15.171±0.019	16.459±0.039	66907
50784.2017	15.136±0.019	16.363±0.022	66937
50786.2053	15.098±0.018	16.390±0.032	67028
50798.1431	14.984±0.016	16.279±0.016	67220
50802.0027	15.092±0.018	16.397±0.033	67273
50804.2067	15.016±0.017	16.323±0.017	67371

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50805.1717	15.115±0.018	16.416±0.043	67421
50812.0486	15.051±0.017	16.364±0.026	67557
50815.1309	15.040±0.017	16.278±0.027	67692
50819.1576	15.047±0.018	16.346±0.018	67723
50826.0102	15.034±0.017	16.363±0.018	67771
50831.1398	15.075±0.018	16.362±0.019	67861
50841.0287	15.068±0.018	16.376±0.018	68139
50842.0341	15.058±0.016	16.374±0.016	68190
50843.0489	15.039±0.016	16.372±0.016	68250
50844.9738	15.057±0.017	16.368±0.016	68284
50846.1964	15.019±0.017	16.354±0.018	68381
50847.9635	15.085±0.019	16.370±0.019	68397
50857.1161	15.074±0.018	16.364±0.021	68511
50862.0100	15.048±0.018	16.356±0.018	68652
50863.0285	15.055±0.018	16.357±0.018	68726
50866.0054	15.039±0.018	16.341±0.018	68903
50874.1637	15.093±0.018	16.310±0.018	69273
50876.0817	15.026±0.017	16.334±0.017	69389
50878.9649	15.028±0.018	16.330±0.019	69445
50881.1463	15.072±0.019	16.371±0.021	69548
50882.1445	15.013±0.018	16.311±0.019	69622
50883.1356	15.029±0.018	16.318±0.020	69703
50884.0606	15.018±0.017	16.306±0.018	69770
50886.9686	15.071±0.019	16.342±0.021	69880

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 10.3800.35

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48827.2260	15.514±0.016	17.300±0.040	384
48830.1975	15.508±0.016	17.259±0.032	433
48835.1658	15.450±0.016	17.200±0.028	561
48837.1566	15.441±0.015	17.199±0.026	724
48842.1754	15.442±0.016	17.186±0.026	752
48843.1908	15.464±0.016	17.155±0.035	790
48844.1608	15.426±0.016	17.166±0.028	826
48850.3010	15.400±0.016	17.129±0.035	873
48855.2713	15.363±0.015	17.135±0.024	994
48856.2559	15.362±0.015	17.139±0.020	1041
48885.1934	15.367±0.016	17.090±0.024	1121
48886.1737	15.348±0.015	17.067±0.020	1159
48888.2714	15.346±0.015	17.043±0.022	1192
48889.2683	15.335±0.015	17.022±0.021	1214
48917.2396	15.364±0.016	17.083±0.024	1451
48918.0932	15.353±0.015	17.061±0.019	1472
48920.0927	15.387±0.016	17.088±0.027	1536
48929.0597	15.417±0.015	17.105±0.019	1680
48931.1194	15.409±0.016	17.127±0.033	1796
48932.0270	15.418±0.015	17.127±0.021	1818
48934.1666	15.424±0.015	17.112±0.019	1891
48936.1638	15.451±0.016	17.230±0.041	1916
48939.0488	15.465±0.016	17.159±0.028	1973
48940.0666	15.467±0.016	17.138±0.025	2030
48949.2355	15.562±0.015	17.291±0.018	2154
48950.0562	15.562±0.015	17.287±0.019	2172
48965.2028	15.714±0.017	17.428±0.042	2194
48966.0541	15.702±0.016	17.432±0.042	2216
48967.0490	15.727±0.016	17.481±0.037	2262
48985.0741	15.886±0.017	17.623±0.039	2350
48986.0748	15.908±0.015	17.674±0.020	2390
48988.0737	15.894±0.016	17.671±0.023	2432
48989.0535	15.926±0.016	17.690±0.024	2480
48989.2393	15.936±0.017	17.725±0.053	2514
48997.0107	15.975±0.016	17.741±0.030	2567
48999.0128	15.999±0.016	17.782±0.028	2628
48999.2373	16.011±0.016	17.785±0.054	2670
49001.0284	16.001±0.016	17.752±0.035	2696
49002.2111	16.040±0.016	17.792±0.038	2783
49003.1963	16.026±0.016	17.774±0.044	2810
49004.0864	16.029±0.016	17.798±0.032	2822
49007.2227	16.064±0.017	17.809±0.051	2899
49008.0594	16.062±0.018	17.898±0.054	2923
49008.1935	16.038±0.017	17.750±0.043	2947
49019.0441	16.141±0.015	17.901±0.019	3159

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49022.0223	16.167±0.016	17.927±0.028	3259
49026.1413	16.263±0.017	18.023±0.063	3357
49029.9985	16.281±0.016	18.075±0.033	3385
49033.0073	16.301±0.018	18.103±0.060	3417
49037.2207	16.330±0.018	18.104±0.073	3518
49044.1108	16.413±0.017	18.168±0.047	3717
49045.9785	16.393±0.016	18.156±0.028	3811
49046.1146	16.415±0.016	18.158±0.039	3834
49048.9581	16.422±0.017	18.186±0.054	3902
49049.1071	16.448±0.018	18.220±0.057	3930
49050.0311	16.451±0.018	18.243±0.070	3978
49054.0953	16.474±0.016	18.165±0.054	4079
49060.0243	16.539±0.016	18.291±0.039	4141
49061.0050	16.543±0.016	18.266±0.035	4180
49061.9872	16.569±0.016	18.301±0.031	4219
49062.9838	16.566±0.017	18.279±0.040	4265
49065.0856	16.578±0.018	18.309±0.057	4289
49066.0535	16.586±0.016	18.291±0.031	4347
49067.9916	16.597±0.017	18.321±0.049	4437
49069.0339	16.624±0.016	18.323±0.030	4486
49070.0117	16.627±0.017	18.346±0.048	4541
49070.1251	16.623±0.016	18.294±0.033	4563
49074.9871	16.688±0.021	18.439±0.082	4611
49076.0618	16.676±0.021	18.346±0.079	4653
49077.9956	16.692±0.023	18.357±0.110	4776
49081.0636	16.758±0.017	18.406±0.061	4847
49086.9881	16.850±0.018	18.556±0.074	5037
49089.0334	16.928±0.021	18.623±0.088	5125
49090.0156	16.927±0.019	18.617±0.069	5179
49094.9477	16.988±0.017	18.659±0.041	5303
49097.9561	17.046±0.018	18.704±0.052	5587
49098.9473	17.062±0.017	18.708±0.041	5679
49099.9360	17.096±0.020	18.762±0.079	5718
49100.0416	17.082±0.019	18.767±0.071	5741
49100.9354	17.114±0.017	18.802±0.038	5824
49101.9479	17.124±0.017	18.779±0.040	5884
49103.9452	17.168±0.017	18.867±0.045	5911
49107.0273	17.194±0.019	18.814±0.076	6038
49107.9699	17.232±0.019	18.859±0.082	6079
49108.9540	17.267±0.021	18.929±0.112	6141
49112.9577	17.334±0.022	18.999±0.128	6392
49114.9453	17.361±0.027	18.939±0.140	6480
49117.9794	17.416±0.028	19.083±0.153	6566
49118.9420	17.458±0.030	19.101±0.141	6658
49120.9277	17.548±0.025	19.420±0.158	6716

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49123.9311	17.614±0.023	19.418±0.117	6940
49124.9314	17.648±0.040	19.432±0.245	7042
49125.9273	17.591±0.021	19.208±0.083	7146
49126.9417	17.620±0.018	19.295±0.061	7263
49127.9370	17.607±0.019	19.188±0.063	7369
49134.9311	17.833±0.024	19.699±0.166	7672
49135.9186	17.787±0.023	19.522±0.129	7771
49142.3403	17.927±0.052	19.877±0.512	7967
49143.9239	17.946±0.036	19.628±0.277	8047
49152.9114	18.106±0.042	19.899±0.302	8421
49153.3293	18.028±0.035	19.764±0.191	8508
49153.9322	18.080±0.022	19.763±0.121	8531
49156.3226	18.052±0.058	19.765±0.330	8623
49156.9384	17.372±0.263	17.949±0.470	8647
49163.2994	18.252±0.037	20.046±0.235	8909
49163.9102	18.168±0.041	19.654±0.224	8932
49182.2903	18.516±0.037	20.403±0.278	9734
49183.3210	18.492±0.050	20.110±0.250	9761
49195.2424	18.676±0.081	20.835±0.895	10371
49197.2201	18.618±0.078	20.527±0.600	10519
49200.2421	18.600±0.053	20.265±0.342	10590
49204.1931	18.608±0.069	20.253±0.538	10726
49209.1805	18.458±0.088	20.000±0.446	10949
49212.2102	18.618±0.039	20.519±0.294	11196
49218.1591	18.635±0.030	20.576±0.246	11484
49219.1386	18.661±0.035	20.748±0.359	11552
49225.1190	18.584±0.033	20.706±0.386	11950
49253.0659	18.075±0.025	19.905±0.153	12132
49255.1722	18.129±0.026	20.137±0.184	12195
49255.1998	18.118±0.024	20.165±0.166	12196
49256.0688	18.120±0.028	20.273±0.310	12249
49257.1036	18.076±0.020	20.048±0.138	12332
49258.1156	18.050±0.021	19.994±0.151	12406
49261.0745	18.015±0.030	19.955±0.293	12518
49281.2154	17.830±0.034	19.663±0.218	13001
49292.0196	17.757±0.026	19.679±0.205	13340
49310.0858	17.643±0.018	19.576±0.063	13527
49313.0771	17.707±0.034	19.733±0.294	13639
49373.0295	17.397±0.018	19.311±0.071	13920
49376.0316	17.386±0.019	19.380±0.112	13989
49377.0501	17.381±0.018	19.326±0.089	14049
49379.0032	17.353±0.025	19.432±0.318	14145
49381.1205	17.419±0.027	19.449±0.299	14222
49385.2542	17.347±0.031	19.374±0.344	14323
49387.0347	17.220±0.021	19.070±0.100	14363

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49391.0160	17.298±0.018	19.207±0.078	14440
49399.0036	17.212±0.016	19.102±0.035	14524
49400.0764	17.299±0.024	19.302±0.163	14587
49405.2017	17.267±0.019	19.163±0.090	14665
49406.1487	17.273±0.019	19.240±0.111	14701
49407.2131	17.249±0.022	19.158±0.159	14751
49410.1138	17.290±0.022	19.330±0.262	14824
49412.8681	17.200±0.020	19.047±0.115	14900
49414.2007	17.228±0.028	19.063±0.216	14949
49417.0777	17.228±0.025	19.136±0.152	15075
49425.0313	17.234±0.021	19.166±0.116	15177
49426.1334	17.192±0.020	18.971±0.091	15255
49427.0339	16.905±0.018	18.472±0.044	15316
49429.1078	17.231±0.025	19.227±0.183	15397
49435.0995	17.220±0.024	19.242±0.222	15580
49439.0875	17.135±0.019	18.945±0.146	15739
49452.0332	17.063±0.019	18.862±0.082	16271
49456.0644	17.130±0.024	19.035±0.159	16400
49458.0199	17.041±0.035	19.017±0.348	16469
49459.0389	17.039±0.017	18.885±0.056	16494
49460.9996	17.035±0.017	18.909±0.064	16583
49463.0032	17.005±0.017	18.861±0.076	16731
49464.0614	16.973±0.017	18.687±0.079	16756
49464.9969	17.014±0.018	18.891±0.111	16826
49466.0073	16.977±0.017	18.798±0.078	16855
49467.0202	16.980±0.017	18.878±0.102	16930
49478.9991	16.887±0.016	18.656±0.036	17458
49479.9919	16.861±0.017	18.598±0.058	17539
49482.0449	16.907±0.066	18.823±0.726	17619
49484.0238	16.863±0.018	18.742±0.086	17652
49486.0224	16.830±0.019	18.543±0.081	17825
49488.0187	16.815±0.018	18.601±0.068	17990
49489.0037	16.800±0.021	18.523±0.098	18073
49489.9635	16.812±0.024	18.590±0.131	18148
49509.9701	16.710±0.018	18.441±0.068	18827
49512.9561	16.719±0.019	18.471±0.092	18940
49513.9568	16.702±0.019	18.468±0.081	19035
49519.9365	16.703±0.021	18.556±0.134	19371
49523.3392	16.711±0.017	18.554±0.049	19504
49530.9188	16.707±0.021	18.500±0.112	19645
49532.3224	16.717±0.017	18.593±0.055	19758
49532.8915	16.700±0.016	18.453±0.049	19774
49533.8946	16.691±0.018	18.419±0.081	19838
49535.2358	16.732±0.022	18.615±0.126	19946
49539.2151	16.735±0.019	18.576±0.078	20220

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49540.2522	16.765±0.018	18.613±0.066	20314
49542.2908	16.737±0.016	18.609±0.036	20465
49543.1972	16.754±0.018	18.576±0.064	20545
49551.2536	16.815±0.021	18.808±0.128	21016
49553.1994	16.758±0.018	18.570±0.071	21109
49554.1715	16.773±0.027	18.534±0.177	21163
49555.1757	16.745±0.024	18.463±0.129	21221
49556.2171	16.828±0.028	18.832±0.257	21290
49557.2318	16.784±0.019	18.651±0.113	21388
49560.2450	16.768±0.016	18.612±0.048	21605
49563.2963	16.797±0.016	18.726±0.044	21839
49567.1913	16.773±0.021	18.614±0.102	21913
49569.2746	16.802±0.019	18.734±0.095	22092
49570.2310	16.801±0.017	18.670±0.054	22167
49574.1955	16.782±0.018	18.633±0.062	22424
49575.2101	16.789±0.016	18.666±0.028	22512
49578.1702	16.822±0.021	18.781±0.126	22620
49579.1830	16.822±0.016	18.705±0.046	22706
49580.1902	16.830±0.016	18.750±0.039	22794
49581.1557	16.827±0.016	18.772±0.046	22869
49588.1854	16.854±0.017	18.784±0.106	23197
49589.2234	16.832±0.017	18.668±0.074	23268
49590.1769	16.850±0.016	18.776±0.053	23324
49591.1567	16.826±0.016	18.763±0.042	23372
49592.1794	16.841±0.016	18.745±0.042	23449
49593.1566	16.825±0.020	18.736±0.103	23520
49597.2050	16.819±0.016	18.742±0.032	23700
49599.2094	16.824±0.017	18.723±0.050	23830
49605.1936	16.798±0.016	18.717±0.034	24027
49606.1840	16.790±0.016	18.693±0.034	24102
49619.1415	16.768±0.020	18.840±0.139	24860
49621.1962	16.740±0.017	18.692±0.061	25009
49628.1783	16.699±0.017	18.639±0.063	25244
49629.2149	16.669±0.018	18.597±0.067	25295
49630.2151	16.667±0.021	18.510±0.102	25326
49631.1389	16.664±0.018	18.540±0.063	25381
49634.0847	16.645±0.019	18.462±0.077	25450
49635.0749	16.625±0.016	18.498±0.031	25495
49639.1791	16.607±0.040	18.337±0.260	25703
49640.1394	16.615±0.016	18.473±0.028	25743
49643.0932	16.575±0.020	18.361±0.120	25895
49646.1500	16.615±0.019	18.641±0.115	25937
49649.0686	16.532±0.016	18.387±0.043	26015
49654.2053	16.488±0.017	18.310±0.047	26185
49655.2202	16.478±0.018	18.325±0.064	26225

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49666.1197	16.417±0.016	18.217±0.022	26299
49667.0532	16.417±0.016	18.236±0.028	26340
49668.1873	16.396±0.016	18.212±0.036	26397
49673.1596	16.361±0.016	18.174±0.048	26496
49674.1306	16.377±0.017	18.228±0.058	26525
49682.0576	16.328±0.016	18.180±0.026	26623
49688.1123	16.283±0.016	18.087±0.035	26691
49689.0759	16.305±0.016	18.155±0.038	26722
49692.1081	16.302±0.015	18.138±0.021	26865
49693.1324	16.299±0.016	18.139±0.025	26926
49696.1129	16.278±0.017	18.107±0.044	26993
49697.1041	16.299±0.016	18.140±0.028	27042
49698.1261	16.299±0.015	18.131±0.019	27105
49704.1734	16.302±0.016	18.157±0.049	27326
49705.0790	16.306±0.017	18.194±0.066	27358
49707.1289	16.265±0.016	18.085±0.036	27414
49716.9778	16.313±0.016	18.177±0.036	27445
49724.0810	16.243±0.016	18.103±0.028	27560
49729.0069	16.267±0.015	18.111±0.023	27596
49785.0637	16.086±0.016	17.858±0.030	28692
49787.9919	16.066±0.016	17.852±0.027	28763
49791.0341	16.030±0.018	17.769±0.073	28976
49796.0349	16.025±0.016	17.801±0.046	29113
49798.0583	16.018±0.016	17.804±0.031	29199
49801.1112	16.017±0.030	17.560±0.182	29380
49801.1259	16.012±0.016	17.738±0.042	29383
49802.0530	15.988±0.018	17.747±0.076	29442
49805.9604	15.966±0.016	17.721±0.024	29553
49807.0617	15.958±0.017	17.696±0.053	29638
49810.1272	15.959±0.016	17.655±0.032	29839
49811.0990	15.935±0.016	17.628±0.030	29901
49818.9699	15.921±0.015	17.668±0.027	30040
49820.0578	15.905±0.016	17.642±0.043	30134
49827.1003	15.873±0.017	17.603±0.060	30335
49829.9575	15.860±0.015	17.588±0.021	30443
49837.0120	15.830±0.017	17.580±0.041	30704
49843.9748	15.819±0.016	17.513±0.033	30836
49852.9801	15.773±0.015	17.430±0.028	30976
49859.0159	15.727±0.016	17.388±0.035	31144
49866.9631	15.732±0.015	17.380±0.022	31378
49869.9820	15.731±0.022	17.340±0.117	31431
49887.9280	15.703±0.016	17.399±0.035	31933
49891.9206	15.697±0.015	17.355±0.024	32331
49919.1977	15.678±0.017	17.361±0.047	33238
49922.2889	15.674±0.015	17.358±0.022	33331

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49928.2013	15.612±0.025	17.076±0.128	33617
49928.2339	15.672±0.016	17.398±0.032	33623
49930.2786	15.678±0.017	17.374±0.040	33756
49937.2896	15.671±0.016	17.371±0.025	34195
49939.1757	15.690±0.016	17.406±0.048	34385
49940.2030	15.661±0.016	17.324±0.031	34506
49942.1841	15.687±0.016	17.402±0.033	34684
49943.2566	15.692±0.015	17.421±0.019	34812
49944.2496	15.711±0.016	17.415±0.030	34924
49950.1532	15.723±0.016	17.456±0.030	35389
49954.0665	15.728±0.016	17.447±0.035	35608
49958.1182	15.750±0.015	17.482±0.021	35875
49962.1327	15.777±0.016	17.527±0.027	36030
49967.2321	15.797±0.015	17.576±0.027	36228
49971.0876	15.809±0.016	17.597±0.043	36378
49981.1295	15.835±0.017	17.601±0.046	36697
49982.1629	15.837±0.016	17.618±0.034	36734
49983.2545	15.833±0.015	17.627±0.021	36839
49987.1587	15.852±0.016	17.651±0.040	36874
49988.0774	15.848±0.015	17.639±0.021	36942
49995.1048	15.817±0.015	17.591±0.025	37085
49997.1430	15.814±0.015	17.592±0.028	37189
49999.2178	15.823±0.016	17.583±0.039	37342
50006.1330	15.811±0.015	17.621±0.020	37482
50007.1187	15.824±0.015	17.632±0.020	37558
50014.0858	15.818±0.017	17.651±0.042	37673
50022.1878	15.796±0.021	17.535±0.112	37835
50030.0643	15.765±0.016	17.576±0.047	37926
50032.2107	15.767±0.018	17.621±0.087	37968
50037.0667	15.724±0.015	17.513±0.019	38036
50039.1402	15.717±0.015	17.497±0.020	38084
50047.1362	15.674±0.035	17.260±0.200	38217
50058.0916	15.594±0.016	17.334±0.033	38358
50064.0705	15.563±0.016	17.288±0.027	38532
50068.0562	15.547±0.015	17.252±0.021	38611
50072.0561	15.547±0.015	17.261±0.019	38642
50073.1018	15.540±0.016	17.241±0.028	38700
50079.1334	15.531±0.016	17.250±0.025	38812
50090.0794	15.531±0.015	17.206±0.020	38927
50092.2200	15.537±0.015	17.217±0.023	38988
50102.1639	15.562±0.015	17.220±0.019	39077
50106.1272	15.551±0.015	17.224±0.018	39136
50108.1500	15.546±0.015	17.221±0.020	39189
50109.1207	15.559±0.015	17.245±0.019	39246
50110.1388	15.552±0.015	17.239±0.017	39307

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50124.0799	15.577±0.016	17.305±0.026	39403
50129.1459	15.601±0.016	17.260±0.024	39707
50132.0927	15.581±0.015	17.270±0.020	39811
50133.0347	15.582±0.015	17.285±0.019	39869
50135.0083	15.600±0.016	17.283±0.028	39926
50136.1346	15.586±0.016	17.273±0.036	39968
50140.0548	15.607±0.015	17.330±0.018	40033
50152.0742	15.655±0.016	17.371±0.029	40191
50154.9734	15.672±0.015	17.400±0.017	40261
50158.0689	15.688±0.017	17.427±0.049	40393
50162.1276	15.695±0.016	17.394±0.028	40586
50170.0231	15.727±0.017	17.491±0.053	40821
50171.1127	15.727±0.016	17.424±0.044	40850
50180.0142	15.752±0.017	17.542±0.064	41286
50182.0588	15.753±0.016	17.480±0.027	41354
50185.9882	15.750±0.016	17.466±0.028	41449
50188.9882	15.716±0.017	17.401±0.044	41557
50192.9625	15.753±0.015	17.470±0.020	41635
50197.0292	15.717±0.017	17.368±0.053	41767
50198.9469	15.725±0.017	17.401±0.039	41895
50199.9895	15.741±0.016	17.466±0.039	42020
50202.0263	15.739±0.016	17.433±0.040	42260
50212.9566	15.731±0.016	17.420±0.035	42462
50216.9514	15.745±0.018	17.406±0.040	42728
50218.9180	15.726±0.015	17.410±0.019	42903
50219.9548	15.723±0.015	17.400±0.020	42991
50221.0289	15.696±0.015	17.337±0.023	43110
50227.9212	15.699±0.015	17.373±0.021	43505
50229.8900	15.710±0.015	17.385±0.023	43741
50232.9202	15.679±0.015	17.339±0.021	44033
50239.3307	15.688±0.016	17.375±0.035	44458
50242.8829	15.675±0.015	17.334±0.018	44646
50244.8795	15.678±0.015	17.348±0.021	44821
50245.9133	15.653±0.016	17.277±0.031	44939
50247.9278	15.650±0.015	17.309±0.022	45153
50256.3187	15.634±0.016	17.299±0.024	45534
50268.2399	15.581±0.016	17.212±0.032	45928
50272.3033	15.573±0.016	17.266±0.024	46064
50277.8725	15.559±0.016	17.187±0.033	46300
50279.2856	15.547±0.015	17.237±0.019	46462
50289.3313	15.542±0.016	17.242±0.028	46509
50305.2602	15.560±0.015	17.222±0.020	47051
50312.2789	15.553±0.016	17.274±0.028	47618
50319.2870	15.555±0.015	17.248±0.019	47995
50321.2362	15.557±0.015	17.269±0.020	48156

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50328.3058	15.583±0.021	17.305±0.097	48296
50329.2112	15.579±0.015	17.267±0.021	48309
50331.3037	15.582±0.015	17.307±0.023	48392
50334.2897	15.594±0.016	17.304±0.025	48423
50336.2303	15.599±0.015	17.312±0.021	48486
50343.2858	15.587±0.016	17.283±0.036	48652
50349.0784	15.655±0.017	17.381±0.044	48821
50350.1992	15.639±0.015	17.336±0.021	48906
50351.1740	15.654±0.017	17.354±0.047	48977
50353.1190	15.666±0.017	17.441±0.068	49025
50354.1315	15.677±0.016	17.431±0.038	49093
50360.1323	15.700±0.015	17.433±0.018	49144
50365.0454	15.733±0.016	17.473±0.024	49249
50369.0862	15.767±0.016	17.519±0.025	49396
50372.0805	15.777±0.015	17.502±0.018	49616
50375.0922	15.802±0.016	17.539±0.025	49678
50377.0743	15.805±0.016	17.567±0.026	49740
50378.1008	15.806±0.015	17.528±0.018	49815
50380.1178	15.796±0.015	17.582±0.021	49873
50381.0747	15.853±0.016	17.632±0.047	49933
50386.1977	15.845±0.017	17.619±0.045	50040
50390.0448	15.869±0.015	17.653±0.021	50116
50396.1259	15.904±0.016	17.673±0.040	50192
50399.0151	15.939±0.017	17.765±0.041	50340
50402.1845	15.919±0.016	17.728±0.035	50456
50406.0513	15.939±0.015	17.741±0.024	50492
50407.0509	15.946±0.015	17.740±0.024	50558
50408.0860	15.928±0.016	17.718±0.031	50623
50410.0585	15.949±0.016	17.767±0.033	50653
50411.1603	15.941±0.016	17.721±0.026	50719
50412.1394	15.952±0.015	17.750±0.024	50769
50418.0688	15.964±0.015	17.783±0.022	50910
50426.0425	15.968±0.015	17.793±0.021	51126
50427.0955	15.953±0.015	17.759±0.018	51198
50429.1720	15.972±0.016	17.788±0.024	51259
50432.0782	15.987±0.015	17.787±0.021	51354
50433.1073	15.974±0.015	17.800±0.023	51422
50434.1666	15.948±0.024	17.718±0.143	51479
50437.1299	15.941±0.016	17.772±0.031	51523
50438.0802	15.956±0.016	17.785±0.027	51571
50439.1241	15.932±0.017	17.725±0.053	51639
50445.0743	15.937±0.015	17.739±0.022	51771
50446.1562	15.927±0.016	17.688±0.028	51844
50450.0705	15.920±0.015	17.694±0.020	51887
50451.2181	15.909±0.015	17.656±0.020	51946

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50452.1587	15.897±0.015	17.678±0.018	51990
50453.1146	15.905±0.015	17.683±0.020	52023
50454.1322	15.923±0.017	17.653±0.054	52085
50456.0256	15.902±0.016	17.670±0.024	52100
50457.0652	15.886±0.015	17.642±0.020	52170
50458.0681	15.869±0.015	17.625±0.019	52224
50462.0585	15.859±0.015	17.631±0.018	52269
50463.0617	15.853±0.015	17.626±0.021	52333
50463.2327	15.844±0.016	17.584±0.037	52372
50464.1558	15.839±0.016	17.580±0.032	52375
50466.0156	15.837±0.016	17.597±0.025	52404
50466.9389	15.823±0.016	17.580±0.027	52407
50468.0828	15.830±0.016	17.589±0.026	52435
50468.2335	15.823±0.015	17.555±0.021	52469
50469.1037	15.815±0.016	17.596±0.034	52505
50470.2175	15.808±0.016	17.586±0.034	52555
50477.2233	15.724±0.017	17.408±0.048	52605
50479.0490	15.745±0.015	17.501±0.018	52619
50480.0011	15.745±0.015	17.502±0.018	52671
50484.1132	15.708±0.015	17.436±0.021	52796
50487.1150	15.694±0.015	17.428±0.019	52920
50494.2592	15.640±0.016	17.350±0.028	53036
50496.1797	15.619±0.016	17.332±0.024	53146
50499.0299	15.614±0.015	17.351±0.020	53279
50508.1597	15.534±0.016	17.261±0.031	53474
50519.1208	15.551±0.015	17.254±0.019	53680
50522.0984	15.545±0.015	17.264±0.022	53858
50530.9748	15.544±0.016	17.265±0.035	54275
50534.1279	15.540±0.015	17.238±0.028	54455
50539.9997	15.568±0.015	17.281±0.018	54730
50543.0567	15.571±0.016	17.312±0.029	54899
50547.0436	15.574±0.015	17.275±0.019	55242
50551.1228	15.558±0.015	17.215±0.021	55474
50553.9995	15.593±0.015	17.308±0.025	55672
50558.0864	15.595±0.016	17.304±0.040	55899
50566.0147	15.632±0.015	17.344±0.022	56163
50570.0446	15.628±0.016	17.328±0.024	56546
50577.9257	15.677±0.016	17.429±0.036	56977
50581.9231	15.672±0.015	17.390±0.021	57267
50595.9222	15.740±0.016	17.480±0.031	57565
50600.9627	15.732±0.016	17.456±0.026	57968
50607.8839	15.737±0.015	17.478±0.018	58514
50615.2861	15.748±0.017	17.569±0.047	59056
50620.2821	15.719±0.017	17.504±0.059	59508
50633.2676	15.674±0.017	17.424±0.061	60069

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50641.2221	15.627±0.016	17.368±0.031	60572
50649.3242	15.603±0.016	17.357±0.028	61125
50657.2736	15.576±0.016	17.321±0.028	61663
50659.3223	15.544±0.015	17.277±0.019	61859
50661.3213	15.548±0.016	17.281±0.028	62067
50663.3224	15.522±0.016	17.241±0.023	62259
50670.1516	15.479±0.015	17.167±0.021	62560
50676.3023	15.453±0.016	17.178±0.029	63022
50680.2682	15.431±0.015	17.114±0.021	63314
50682.0975	15.381±0.015	17.036±0.023	63500
50689.1346	15.343±0.016	16.885±0.028	63932
50705.0473	15.274±0.015	16.897±0.026	64309
50708.3014	15.285±0.015	16.920±0.024	64427
50719.1855	15.299±0.015	16.951±0.021	64692
50721.0546	15.302±0.015	16.943±0.019	64808
50722.1706	15.299±0.015	16.941±0.017	64920
50725.1055	15.332±0.016	17.001±0.027	65070
50726.1874	15.323±0.015	16.966±0.018	65171
50733.1392	15.351±0.015	17.026±0.021	65425
50734.1685	15.361±0.016	17.052±0.026	65501
50735.2557	15.386±0.016	17.056±0.024	65587
50737.1447	15.398±0.016	17.116±0.042	65708
50738.2166	15.396±0.016	17.100±0.033	65795
50742.0092	15.414±0.016	17.121±0.025	65941
50785.1006	15.751±0.015	17.510±0.019	66971
50794.1047	15.789±0.015	17.570±0.021	67088
50797.9980	15.801±0.015	17.584±0.021	67189
50804.0561	15.876±0.016	17.691±0.028	67339
50806.0842	15.868±0.015	17.667±0.018	67453
50812.1706	15.938±0.016	17.734±0.026	67581
50815.1895	15.966±0.017	17.748±0.046	67703
50826.2134	16.027±0.016	17.822±0.035	67814
50833.0752	16.076±0.015	17.897±0.024	67909
50840.9945	16.088±0.016	17.967±0.027	68133
50843.1670	16.056±0.016	17.877±0.037	68266
50846.1294	16.071±0.015	17.903±0.021	68368
50863.1031	16.002±0.016	17.819±0.027	68741
50865.1534	15.963±0.016	17.756±0.034	68867
50869.1851	15.939±0.015	17.740±0.023	69104
50875.0514	15.917±0.016	17.727±0.041	69312
50879.0764	15.886±0.020	17.805±0.107	69465
50881.9774	15.879±0.015	17.692±0.025	69586
50884.1086	15.883±0.016	17.716±0.047	69780
50910.9935	15.734±0.015	17.501±0.026	70291
50920.0641	15.705±0.015	17.424±0.024	70680

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50933.9898	15.726±0.015	17.486±0.024	70989
50942.9858	15.746±0.016	17.515±0.052	71241
50968.9263	15.783±0.015	17.534±0.028	72334
50995.3103	15.815±0.017	17.573±0.045	73676
51001.2480	15.900±0.015	17.765±0.025	74080
51006.2006	15.899±0.017	17.717±0.071	74393
51017.2600	15.893±0.015	17.722±0.022	74820
51026.2852	15.892±0.016	17.761±0.032	75074
51034.2253	15.858±0.017	17.758±0.083	75259
51048.1897	15.806±0.016	17.666±0.038	75548
51050.2849	15.788±0.016	17.641±0.025	75750
51053.3053	15.749±0.028	17.464±0.173	75907
51058.0468	15.749±0.016	17.552±0.052	76247
51062.2736	15.732±0.016	17.558±0.036	76407
51073.1386	15.712±0.016	17.544±0.044	76654
51075.0099	15.651±0.021	17.388±0.113	76773
51086.0230	15.617±0.017	17.346±0.050	77036
51090.0559	15.644±0.017	17.443±0.064	77267
51098.1118	15.591±0.015	17.369±0.021	77368
51103.0319	15.582±0.016	17.399±0.040	77611
51109.2576	15.574±0.015	17.329±0.023	77832
51111.2570	15.566±0.015	17.332±0.024	77934
51119.1256	15.573±0.016	17.328±0.034	78185
51121.1514	15.585±0.015	17.324±0.024	78303
51132.1779	15.545±0.015	17.274±0.018	78418
51148.1561	15.508±0.015	17.219±0.019	78739
51156.9861	15.490±0.015	17.209±0.021	78901
51189.1113	15.556±0.016	17.312±0.024	79639
51195.9608	15.570±0.015	17.344±0.021	79741
51207.1671	15.597±0.016	17.353±0.026	79853
51222.0085	15.638±0.015	17.420±0.018	79996
51226.0226	15.644±0.015	17.449±0.020	80102
51229.0918	15.661±0.015	17.417±0.021	80237
51241.1023	15.676±0.015	17.445±0.025	80453
51247.0741	15.696±0.015	17.474±0.021	80694
51250.0735	15.711±0.016	17.505±0.024	80827
51252.0219	15.734±0.016	17.566±0.039	81000
51252.0354	15.713±0.016	17.474±0.032	81003
51262.9123	15.738±0.015	17.528±0.022	81268
51278.0955	15.727±0.015	17.440±0.027	81557
51281.9478	15.709±0.016	17.484±0.031	81905
51290.9148	15.677±0.016	17.454±0.025	82608
51294.9241	15.656±0.016	17.419±0.028	82972
51300.8841	15.636±0.015	17.395±0.021	83266
51303.9540	15.597±0.016	17.324±0.028	83657

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
51306.9710	15.659±0.016	17.384±0.028	83898
51309.9404	15.656±0.015	17.358±0.019	84067
51314.8802	15.614±0.015	17.355±0.017	84413
51318.9779	15.623±0.023	17.346±0.145	84905
51330.8555	15.585±0.015	17.313±0.018	85352
51354.3283	15.594±0.016	17.372±0.034	86820
51394.2141	15.608±0.015	17.349±0.023	89164
51401.2082	15.625±0.015	17.391±0.022	89591
51406.1898	15.501±0.016	17.340±0.050	89944
51412.2318	15.676±0.016	17.427±0.034	90467
51415.1525	15.659±0.015	17.406±0.025	90743
51422.1235	15.675±0.015	17.443±0.022	91164
51425.1394	15.693±0.015	17.425±0.024	91347
51428.1324	15.670±0.015	17.435±0.019	91454
51432.2669	15.689±0.016	17.447±0.030	91645
51434.2410	15.694±0.015	17.453±0.020	91849
51436.2040	15.672±0.015	17.419±0.019	92016
51441.0903	15.644±0.015	17.394±0.024	92192
51444.2026	15.648±0.016	17.365±0.028	92355
51451.0647	15.657±0.017	17.427±0.048	92527
51532.1120	15.466±0.016	17.172±0.029	94501

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 15.10675.10

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48829.2464	14.836±0.015	15.978±0.016	405
48830.2240	14.803±0.015	15.945±0.016	438
48835.2223	14.799±0.015	15.943±0.016	569
48842.2118	14.803±0.015	15.947±0.016	759
48843.2190	14.791±0.015	15.928±0.016	795
48844.1968	14.791±0.015	15.918±0.016	832
48885.1980	14.782±0.015	15.915±0.016	1122
48886.1688	14.787±0.015	15.913±0.016	1158
48888.2755	14.748±0.015	15.872±0.016	1193
48889.2728	14.765±0.015	15.885±0.016	1215
48920.0968	14.846±0.015	16.001±0.016	1537
48929.0681	14.807±0.015	15.943±0.016	1683
48930.0155	14.830±0.016	15.981±0.035	1734
48930.0305	14.818±0.015	15.958±0.016	1737
48938.2296	14.804±0.015	15.934±0.017	1948
48939.0531	14.786±0.015	15.930±0.016	1974
48966.0592	14.787±0.015	16.007±0.020	2217
48967.0536	14.816±0.015	16.047±0.018	2263
48986.0819	14.898±0.015	16.049±0.015	2391
48988.0783	14.911±0.015	16.073±0.015	2433
48989.0709	14.916±0.015	16.076±0.016	2483
48989.2440	14.927±0.016	16.079±0.018	2515
48990.0723	14.917±0.015	16.075±0.016	2534
48997.0221	14.950±0.015	16.119±0.016	2569
48999.2420	14.945±0.015	16.107±0.016	2671
49001.0393	14.944±0.015	16.098±0.018	2698
49002.2214	14.940±0.015	16.115±0.016	2784
49007.2273	14.937±0.015	16.104±0.016	2900
49008.1991	14.946±0.020	16.129±0.050	2948
49019.0631	14.872±0.015	16.045±0.015	3163
49019.1817	14.870±0.015	16.029±0.015	3184
49021.1273	14.865±0.015	16.022±0.015	3216
49022.0638	14.852±0.015	16.018±0.016	3268
49022.1654	14.842±0.015	16.003±0.016	3287
49026.1473	14.822±0.015	15.977±0.016	3358
49033.0262	14.761±0.015	15.905±0.016	3421
49037.2257	14.750±0.018	15.906±0.033	3519
49037.2450	14.742±0.015	15.887±0.016	3521
49043.2520	14.731±0.015	15.873±0.016	3678
49044.1158	14.723±0.015	15.870±0.015	3718
49046.0068	14.719±0.015	15.859±0.015	3817
49046.1194	14.753±0.015	15.902±0.016	3835
49046.1418	14.724±0.015	15.866±0.016	3840
49048.9944	14.708±0.015	15.845±0.016	3910
49049.1132	14.726±0.015	15.868±0.016	3931

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49049.1269	14.724±0.015	15.869±0.016	3934
49050.0359	14.724±0.015	15.868±0.016	3979
49050.1845	14.724±0.015	15.855±0.016	4004
49054.1002	14.730±0.015	15.873±0.016	4080
49056.2114	14.736±0.015	15.871±0.019	4110
49060.0292	14.742±0.015	15.887±0.015	4142
49060.9594	14.736±0.015	15.881±0.016	4175
49061.9920	14.743±0.015	15.901±0.015	4220
49062.1839	14.750±0.015	15.885±0.016	4238
49062.9748	14.746±0.015	15.902±0.015	4263
49065.0910	14.762±0.015	15.908±0.015	4290
49065.1926	14.764±0.015	15.916±0.016	4310
49066.0584	14.766±0.015	15.916±0.016	4348
49066.0768	14.769±0.015	15.919±0.015	4352
49066.1932	14.756±0.015	15.898±0.016	4375
49067.9467	14.764±0.015	15.926±0.016	4430
49069.0387	14.784±0.015	15.945±0.016	4487
49069.9372	14.774±0.015	15.930±0.016	4530
49070.0168	14.786±0.015	15.941±0.015	4542
49070.1303	14.781±0.015	15.935±0.016	4564
49076.1948	14.816±0.015	15.958±0.017	4666
49077.0441	14.813±0.015	15.963±0.016	4707
49077.1532	14.815±0.015	15.977±0.016	4729
49078.0004	14.827±0.015	15.983±0.017	4777
49081.0706	14.850±0.015	16.042±0.016	4848
49083.9769	14.881±0.015	16.170±0.021	4972
49086.9933	14.852±0.015	16.015±0.016	5038
49089.0391	14.840±0.015	16.016±0.016	5126
49090.0204	14.858±0.015	16.025±0.016	5180
49094.9592	14.859±0.015	16.025±0.015	5305
49097.9611	14.856±0.015	16.025±0.016	5588
49098.0913	14.856±0.015	16.020±0.016	5611
49098.9528	14.859±0.015	16.021±0.015	5680
49099.9411	14.861±0.016	16.025±0.018	5719
49100.0464	14.864±0.015	16.019±0.016	5742
49100.9405	14.862±0.015	16.029±0.015	5825
49101.9530	14.865±0.015	16.024±0.015	5885
49103.9500	14.857±0.015	16.026±0.015	5912
49107.0326	14.853±0.015	16.015±0.016	6039
49107.9747	14.854±0.015	16.014±0.016	6080
49108.1070	14.852±0.015	16.012±0.016	6104
49108.9591	14.860±0.015	16.018±0.016	6142
49114.9501	14.851±0.015	16.024±0.017	6481
49117.9841	14.848±0.015	16.012±0.016	6567
49118.9468	14.855±0.015	16.021±0.016	6659

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49120.9324	14.857±0.015	16.015±0.016	6717
49123.9358	14.868±0.015	16.030±0.016	6941
49124.9362	14.867±0.015	16.031±0.016	7043
49125.9327	14.864±0.015	16.039±0.016	7147
49127.9511	14.867±0.015	16.036±0.016	7371
49134.0162	14.866±0.015	16.024±0.016	7610
49134.9358	14.876±0.015	16.041±0.016	7673
49135.9232	14.881±0.015	16.054±0.016	7772
49143.9285	14.876±0.015	16.059±0.017	8048
49144.3303	14.863±0.015	16.038±0.019	8089
49152.9160	14.843±0.015	16.003±0.016	8422
49153.3338	14.852±0.015	16.020±0.016	8509
49153.9369	14.855±0.015	16.022±0.016	8532
49156.9433	14.851±0.015	16.013±0.017	8648
49163.3039	14.850±0.015	16.026±0.018	8910
49163.3277	14.862±0.015	16.032±0.016	8915
49163.9147	14.864±0.015	16.030±0.016	8933
49164.9163	14.854±0.015	16.019±0.017	9034
49165.9428	14.843±0.015	16.002±0.019	9136
49169.9536	14.851±0.015	16.024±0.018	9292
49172.9072	14.836±0.016	16.005±0.019	9377
49180.8955	14.806±0.015	15.962±0.016	9568
49181.2388	14.787±0.015	15.947±0.017	9642
49183.3254	14.784±0.015	15.942±0.016	9762
49184.8957	14.782±0.015	15.928±0.016	9846
49186.8842	14.776±0.015	15.928±0.016	10003
49188.8856	14.777±0.015	15.936±0.017	10097
49189.2096	14.779±0.015	15.935±0.016	10161
49190.2157	14.767±0.015	15.914±0.016	10250
49197.2288	14.763±0.015	15.903±0.016	10521
49200.2463	14.762±0.015	15.906±0.016	10591
49204.1973	14.759±0.015	15.910±0.017	10727
49210.1729	14.778±0.015	15.933±0.017	11020
49212.2151	14.780±0.015	15.927±0.016	11197
49218.1633	14.782±0.015	15.937±0.016	11485
49219.1431	14.789±0.015	15.945±0.016	11553
49221.2589	14.798±0.015	15.956±0.017	11660
49223.1422	14.813±0.015	15.958±0.016	11788
49224.1474	14.816±0.015	15.967±0.019	11888
49225.1232	14.823±0.015	15.968±0.016	11951
49253.0700	14.958±0.015	16.130±0.016	12133
49253.1039	14.964±0.015	16.160±0.016	12136
49255.2062	14.963±0.015	16.163±0.016	12197
49256.0830	14.938±0.015	16.130±0.017	12251
49256.0875	14.954±0.015	16.131±0.016	12252

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49257.1182	14.951±0.015	16.146±0.016	12333
49258.1292	14.955±0.015	16.147±0.016	12407
49261.0883	14.939±0.015	16.126±0.018	12519
49266.1230	14.912±0.015	16.092±0.016	12583
49267.1144	14.901±0.015	16.082±0.016	12620
49268.1724	14.896±0.015	16.078±0.016	12661
49269.0854	14.895±0.015	16.071±0.016	12702
49273.1320	14.871±0.015	16.048±0.015	12854
49274.0536	14.862±0.015	16.036±0.015	12877
49278.1921	14.832±0.015	16.013±0.016	12960
49281.2196	14.799±0.015	15.978±0.016	13002
49283.0886	14.818±0.015	15.986±0.016	13030
49283.9984	14.798±0.015	15.966±0.016	13074
49287.0991	14.781±0.015	15.953±0.016	13177
49288.1173	14.783±0.015	15.951±0.016	13229
49290.0900	14.777±0.015	15.950±0.016	13275
49292.0238	14.772±0.015	15.938±0.016	13341
49303.1486	14.763±0.015	15.934±0.016	13412
49312.0766	14.781±0.015	15.960±0.016	13585
49313.0821	14.773±0.015	15.943±0.016	13640
49373.0340	14.893±0.015	16.077±0.016	13921
49376.0365	14.877±0.015	16.057±0.016	13990
49377.0546	14.866±0.015	16.049±0.016	14050
49379.0076	14.833±0.015	15.995±0.018	14146
49381.1251	14.838±0.015	16.014±0.017	14223
49382.1788	14.824±0.015	15.999±0.018	14278
49385.2615	14.803±0.015	15.975±0.017	14324
49387.1262	14.786±0.015	15.953±0.016	14371
49391.0207	14.753±0.015	15.913±0.015	14441
49400.0811	14.719±0.015	15.870±0.016	14588
49405.2072	14.717±0.015	15.855±0.016	14666
49406.1547	14.709±0.015	15.862±0.016	14702
49407.2301	14.702±0.015	15.851±0.016	14754
49410.1204	14.706±0.015	15.854±0.017	14825
49412.8737	14.721±0.015	15.870±0.016	14901
49415.9895	14.737±0.015	15.881±0.015	15006
49416.9854	14.728±0.015	15.879±0.015	15064
49419.2570	14.738±0.015	15.877±0.017	15101
49426.1382	14.768±0.015	15.930±0.016	15256
49428.9633	14.804±0.015	15.968±0.016	15385
49434.1851	14.821±0.015	15.986±0.019	15534
49435.1043	14.832±0.015	15.999±0.016	15581
49436.1818	14.834±0.015	15.998±0.018	15616
49437.1170	14.847±0.015	16.006±0.017	15656
49441.2114	14.858±0.015	16.107±0.018	15748

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49446.1810	14.866±0.015	16.045±0.016	15875
49447.0935	14.879±0.015	16.064±0.016	15922
49448.1471	14.877±0.015	16.053±0.016	15983
49449.0158	14.882±0.016	16.055±0.021	16034
49450.0676	14.888±0.015	16.064±0.016	16122
49451.0499	14.890±0.015	16.080±0.016	16198
49452.0380	14.896±0.015	16.078±0.016	16272
49453.0975	14.905±0.016	16.105±0.026	16342
49457.1400	14.917±0.015	16.099±0.016	16420
49459.0437	14.922±0.015	16.115±0.015	16495
49460.1520	14.920±0.015	16.100±0.017	16534
49461.0044	14.931±0.015	16.128±0.016	16584
49463.0080	14.928±0.015	16.110±0.016	16732
49464.0664	14.928±0.015	16.104±0.016	16757
49465.0017	14.925±0.015	16.114±0.016	16827
49467.0252	14.976±0.015	16.342±0.018	16931
49468.0618	14.940±0.015	16.118±0.021	17002
49469.1269	14.928±0.015	16.117±0.018	17056
49470.0953	14.938±0.015	16.125±0.018	17119
49473.0620	14.927±0.015	16.109±0.018	17226
49474.0730	14.925±0.015	16.108±0.016	17302
49479.9967	14.960±0.016	16.174±0.019	17540
49480.0476	14.912±0.015	16.092±0.016	17542
49484.0286	14.921±0.015	16.105±0.016	17653
49485.0221	14.916±0.015	16.098±0.016	17742
49486.0271	14.922±0.015	16.115±0.016	17826
49488.0234	14.914±0.015	16.101±0.016	17991
49489.0084	14.927±0.015	16.115±0.016	18074
49489.9682	14.915±0.015	16.096±0.017	18149
49506.0019	14.889±0.015	16.073±0.016	18740
49509.9862	14.881±0.016	16.057±0.022	18828
49512.9606	14.874±0.015	16.044±0.016	18941
49513.9802	14.865±0.015	16.028±0.016	19040
49516.9805	14.834±0.025	15.993±0.080	19190
49532.3268	14.777±0.015	15.939±0.016	19759
49532.9398	14.764±0.016	15.910±0.020	19784
49533.9461	14.766±0.015	15.911±0.016	19849
49539.2195	14.753±0.015	15.892±0.016	20221
49539.9366	14.755±0.015	15.889±0.016	20264
49540.9314	14.754±0.015	15.907±0.016	20347
49541.9232	14.758±0.015	15.910±0.016	20427
49542.9245	14.753±0.015	15.884±0.016	20491
49543.9229	14.743±0.015	15.885±0.016	20571
49550.8984	14.759±0.015	15.910±0.016	20962
49552.9034	14.759±0.015	15.912±0.017	21054

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49556.8929	14.791±0.015	15.995±0.018	21326
49557.8911	14.775±0.017	15.949±0.028	21419
49560.2546	14.792±0.015	15.960±0.016	21606
49562.8768	14.805±0.015	15.961±0.017	21780
49563.3012	14.819±0.015	15.992±0.016	21840
49567.1969	14.845±0.015	16.007±0.017	21914
49569.2791	14.855±0.015	16.013±0.016	22093
49570.2353	14.857±0.015	16.026±0.016	22168
49574.1998	14.879±0.015	16.059±0.016	22425
49575.2004	14.906±0.015	16.080±0.016	22510
49579.1881	14.917±0.015	16.091±0.016	22707
49580.1944	14.923±0.015	16.111±0.016	22795
49581.1613	14.941±0.015	16.119±0.016	22870
49588.1903	14.964±0.015	16.149±0.018	23198
49589.2284	14.976±0.015	16.173±0.017	23269
49590.1822	14.979±0.015	16.187±0.016	23325
49592.1835	14.980±0.015	16.172±0.016	23450
49593.1608	14.997±0.015	16.184±0.017	23521
49596.2255	14.993±0.015	16.172±0.016	23638
49597.2091	15.016±0.015	16.222±0.016	23701
49599.2140	15.008±0.015	16.202±0.016	23831
49605.1983	15.003±0.015	16.199±0.016	24028
49606.1893	14.995±0.015	16.189±0.016	24103
49607.1859	14.991±0.015	16.189±0.016	24182
49608.0974	14.980±0.016	16.149±0.019	24233
49619.1455	14.880±0.015	16.038±0.018	24861
49621.2159	14.846±0.015	16.000±0.016	25010
49628.1870	14.784±0.015	15.924±0.016	25245
49629.2196	14.772±0.015	15.911±0.016	25296
49631.1429	14.760±0.015	15.893±0.016	25382
49634.0888	14.752±0.015	15.886±0.016	25451
49635.0797	14.752±0.015	15.894±0.015	25496
49639.1835	14.756±0.016	15.877±0.022	25704
49640.1438	14.843±0.015	15.910±0.015	25744
49643.0979	14.751±0.015	15.874±0.018	25896
49646.1540	14.774±0.015	15.914±0.017	25938
49649.0736	14.772±0.015	15.912±0.016	26016
49671.0757	14.938±0.015	16.098±0.016	26438
49673.1638	14.972±0.015	16.153±0.017	26497
49677.0829	15.029±0.016	16.216±0.017	26586
49688.1179	15.163±0.015	16.348±0.016	26692
49689.0801	15.172±0.015	16.370±0.016	26723
49691.0649	15.181±0.015	16.396±0.015	26798
49692.1130	15.187±0.015	16.391±0.016	26866
49696.1172	15.215±0.015	16.417±0.016	26994

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49698.1304	15.216±0.015	16.425±0.015	27106
49704.1779	15.236±0.015	16.442±0.017	27327
49705.0853	15.236±0.015	16.446±0.018	27359
49707.1335	15.232±0.015	16.438±0.016	27415
49716.9826	15.194±0.015	16.386±0.016	27446
49718.2065	15.188±0.015	16.381±0.016	27537
49724.0855	15.148±0.015	16.321±0.016	27561
49729.0114	15.105±0.015	16.280±0.016	27597
49731.1048	15.102±0.015	16.278±0.016	27711
49739.1732	15.037±0.015	16.186±0.018	27788
49742.1610	15.021±0.015	16.171±0.016	27884
49746.2078	14.990±0.015	16.136±0.016	27970
49748.1727	14.989±0.015	16.131±0.017	28073
49750.0227	14.976±0.015	16.114±0.015	28132
49752.0794	14.973±0.015	16.114±0.015	28210
49753.2133	14.975±0.015	16.113±0.015	28296
49755.9463	14.992±0.015	16.137±0.015	28326
49755.9507	14.991±0.015	16.138±0.015	28327
49762.2637	15.018±0.015	16.146±0.017	28486
49763.1323	15.032±0.015	16.181±0.016	28519
49765.2643	15.043±0.015	16.192±0.018	28572
49785.0684	15.218±0.015	16.382±0.016	28693
49788.0045	15.236±0.015	16.409±0.016	28764
49791.0389	15.280±0.016	16.434±0.021	28977
49796.0397	15.288±0.015	16.460±0.017	29114
49798.0631	15.302±0.015	16.478±0.016	29200
49800.0295	15.321±0.016	16.487±0.018	29281
49801.1175	15.314±0.015	16.492±0.016	29381
49802.9539	15.328±0.015	16.511±0.016	29449
49805.9707	15.345±0.015	16.524±0.016	29554
49808.1903	15.373±0.015	16.529±0.018	29708
49810.1321	15.375±0.015	16.545±0.016	29840
49811.1060	15.379±0.015	16.534±0.016	29902
49818.9748	15.413±0.015	16.585±0.016	30041
49820.0679	15.411±0.015	16.584±0.019	30135
49827.1057	15.457±0.016	16.592±0.022	30336
49829.9623	15.464±0.015	16.640±0.016	30444
49834.1100	15.461±0.016	16.591±0.021	30653
49837.0240	15.493±0.015	16.648±0.017	30705
49852.9856	15.461±0.015	16.610±0.017	30977
49859.0219	15.425±0.015	16.563±0.017	31145
49869.9724	15.332±0.015	16.443±0.018	31429
49872.9998	15.312±0.015	16.434±0.016	31512
49887.9342	15.396±0.015	16.516±0.017	31934
49889.9181	15.412±0.015	16.528±0.018	32107

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49891.9255	15.417±0.015	16.534±0.016	32332
49895.9316	15.462±0.016	16.601±0.018	32498
49919.2021	15.741±0.016	16.878±0.024	33239
49922.2932	15.797±0.015	16.952±0.017	33332
49928.2073	15.867±0.018	16.959±0.031	33618
49930.2828	15.921±0.016	17.071±0.020	33757
49937.2940	16.013±0.016	17.146±0.018	34196
49939.1800	16.038±0.016	17.161±0.027	34386
49940.2072	16.040±0.016	17.170±0.028	34507
49942.1883	16.054±0.016	17.174±0.025	34685
49944.2538	16.073±0.016	17.227±0.027	34925
49945.2953	16.085±0.016	17.182±0.022	35023
49950.1574	16.083±0.016	17.177±0.020	35390
49954.0707	16.069±0.016	17.178±0.020	35609
49958.1223	16.076±0.015	17.192±0.018	35876
49962.1368	16.094±0.016	17.183±0.019	36031
49967.2369	16.072±0.016	17.157±0.019	36229
49968.2509	16.062±0.016	17.167±0.019	36290
49971.0916	16.050±0.016	17.115±0.024	36379
49973.1478	16.082±0.016	17.184±0.021	36488
49982.1669	16.153±0.016	17.211±0.020	36735
49987.1627	16.187±0.016	17.247±0.021	36875
49995.1088	16.309±0.016	17.380±0.021	37086
49997.1470	16.339±0.016	17.416±0.021	37190
49998.2025	16.319±0.018	17.403±0.042	37266
50014.0899	16.531±0.016	17.567±0.021	37674
50023.0170	16.643±0.026	17.635±0.067	37841
50030.0684	16.742±0.019	17.724±0.031	37927
50032.2149	16.747±0.028	17.716±0.059	37969
50047.1411	16.829±0.048	17.778±0.114	38218
50058.0958	16.830±0.021	17.751±0.039	38359
50062.1040	16.808±0.020	17.766±0.036	38464
50064.0750	16.799±0.017	17.782±0.023	38533
50068.0605	16.780±0.016	17.778±0.021	38612
50073.1062	16.743±0.017	17.721±0.023	38701
50079.1384	16.713±0.017	17.706±0.021	38813
50092.2248	16.613±0.016	17.670±0.020	38989
50106.1079	16.477±0.016	17.544±0.018	39133
50124.0845	16.301±0.016	17.397±0.018	39404
50128.1199	16.285±0.016	17.395±0.018	39643
50135.0131	16.226±0.016	17.343±0.021	39927
50136.1393	16.227±0.018	17.351±0.029	39969
50142.0391	16.203±0.016	17.343±0.018	40078
50152.0969	16.159±0.017	17.286±0.028	40193
50154.2336	16.139±0.016	17.260±0.024	40238

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50160.1152	16.128±0.016	17.266±0.021	40495
50162.1324	16.127±0.016	17.289±0.018	40587
50169.1783	16.082±0.015	17.237±0.018	40768
50171.1175	16.084±0.016	17.251±0.024	40851
50180.0190	16.045±0.016	17.218±0.025	41287
50182.0639	16.045±0.015	17.220±0.018	41355
50185.9930	16.010±0.015	17.176±0.017	41450
50188.9931	16.006±0.016	17.186±0.021	41558
50192.9673	15.978±0.015	17.162±0.016	41636
50197.0340	15.970±0.021	17.126±0.041	41768
50199.9942	15.929±0.016	17.091±0.020	42021
50202.0311	15.910±0.016	17.076±0.021	42261
50212.9617	15.817±0.016	16.992±0.018	42463
50214.9816	15.812±0.016	16.968±0.020	42625
50216.9561	15.786±0.015	16.964±0.017	42729
50218.9227	15.757±0.015	16.953±0.016	42904
50221.0342	15.734±0.015	16.927±0.018	43111
50224.0181	15.745±0.015	16.916±0.018	43198
50227.9259	15.705±0.015	16.884±0.016	43506
50229.0167	15.679±0.015	16.876±0.017	43646
50229.8947	15.667±0.015	16.860±0.017	43742
50232.9249	15.666±0.015	16.877±0.017	44034
50234.9358	15.657±0.016	16.846±0.020	44262
50245.9179	15.646±0.015	16.852±0.017	44940
50247.9324	15.653±0.015	16.858±0.018	45154
50254.9237	15.642±0.016	16.839±0.019	45320
50255.9419	15.633±0.015	16.850±0.017	45446
50256.3232	15.624±0.015	16.812±0.017	45535
50268.2444	15.600±0.015	16.787±0.019	45929
50272.3078	15.596±0.015	16.798±0.017	46065
50277.8768	15.580±0.016	16.780±0.023	46301
50279.2900	15.572±0.015	16.779±0.016	46463
50289.3356	15.518±0.016	16.712±0.018	46510
50305.2644	15.441±0.015	16.661±0.016	47052
50312.2831	15.386±0.015	16.593±0.018	47619
50314.3159	15.370±0.016	16.577±0.020	47706
50319.2917	15.345±0.015	16.556±0.016	47996
50321.2403	15.336±0.015	16.552±0.016	48157
50329.2168	15.287±0.015	16.493±0.016	48310
50331.3091	15.272±0.015	16.493±0.018	48393
50334.2938	15.278±0.015	16.494±0.017	48424
50336.2344	15.259±0.015	16.482±0.016	48487
50349.0825	15.206±0.015	16.405±0.018	48822
50350.2033	15.220±0.015	16.436±0.016	48907
50351.1784	15.207±0.016	16.419±0.020	48978

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50360.1364	15.207±0.015	16.423±0.016	49145
50365.0495	15.184±0.015	16.390±0.016	49250
50369.0902	15.182±0.015	16.387±0.016	49397
50370.1159	15.188±0.015	16.402±0.016	49478
50371.0986	15.187±0.015	16.399±0.016	49545
50372.0845	15.188±0.015	16.398±0.016	49617
50375.0963	15.180±0.015	16.357±0.016	49679
50377.0785	15.179±0.015	16.382±0.016	49741
50380.1219	15.188±0.015	16.403±0.016	49874
50381.0788	15.176±0.016	16.382±0.024	49934
50386.2023	15.194±0.015	16.390±0.018	50041
50390.0489	15.183±0.015	16.403±0.016	50117
50396.1628	15.175±0.015	16.396±0.016	50197
50399.0208	15.188±0.015	16.398±0.016	50341
50402.1899	15.173±0.015	16.379±0.016	50457
50406.0555	15.168±0.015	16.383±0.016	50493
50407.0550	15.171±0.015	16.391±0.016	50559
50408.0978	15.163±0.015	16.389±0.016	50625
50410.0626	15.164±0.015	16.378±0.016	50654
50411.1645	15.163±0.015	16.379±0.016	50720
50412.1443	15.161±0.015	16.375±0.016	50770
50418.0730	15.144±0.015	16.368±0.016	50911
50420.1082	15.127±0.015	16.324±0.016	50980
50421.1041	15.138±0.015	16.353±0.015	51036
50426.0467	15.104±0.015	16.314±0.016	51127
50429.1762	15.088±0.015	16.295±0.016	51260
50432.0824	15.062±0.015	16.283±0.016	51355
50433.1115	15.046±0.015	16.263±0.015	51423
50437.1342	15.024±0.015	16.208±0.016	51524
50438.0845	15.016±0.015	16.212±0.016	51572
50439.1285	15.009±0.015	16.196±0.016	51640
50441.0381	14.990±0.015	16.186±0.016	51698
50445.0787	14.967±0.015	16.156±0.016	51772
50446.1605	14.959±0.015	16.156±0.016	51845
50450.0749	14.928±0.015	16.117±0.015	51888
50451.2225	14.918±0.015	16.100±0.015	51947
50452.1631	14.917±0.015	16.099±0.015	51991
50453.1190	14.911±0.015	16.091±0.015	52024
50456.0300	14.899±0.015	16.085±0.016	52101
50457.0696	14.894±0.015	16.076±0.015	52171
50458.0726	14.886±0.015	16.072±0.015	52225
50462.0630	14.892±0.015	16.074±0.015	52270
50463.0662	14.888±0.015	16.071±0.015	52334
50468.0873	14.896±0.015	16.080±0.016	52436
50469.1082	14.865±0.016	16.065±0.016	52506

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50470.2232	14.907±0.015	16.100±0.016	52556
50479.0536	14.967±0.015	16.164±0.015	52620
50480.0057	14.961±0.015	16.157±0.015	52672
50484.1466	14.985±0.015	16.192±0.016	52802
50487.1108	15.000±0.015	16.202±0.015	52919
50494.2538	15.034±0.015	16.238±0.016	53035
50496.1667	15.043±0.015	16.255±0.016	53143
50498.9996	15.050±0.015	16.279±0.016	53275
50499.0214	15.046±0.015	16.268±0.016	53277
50508.0935	15.037±0.015	16.253±0.016	53460
50523.0145	14.985±0.015	16.180±0.016	53922
50528.0198	14.952±0.015	16.127±0.018	54149
50534.0973	14.928±0.015	16.114±0.016	54448
50536.0581	14.908±0.015	16.076±0.018	54632
50542.0116	14.855±0.015	16.022±0.016	54813
50547.1533	14.826±0.015	15.981±0.016	55264
50551.0893	14.783±0.015	15.930±0.016	55469
50553.9690	14.780±0.015	15.929±0.016	55665
50558.0059	14.779±0.015	15.921±0.016	55881
50565.0997	14.759±0.015	15.904±0.016	56069
50569.0270	14.755±0.015	15.897±0.016	56436
50579.9568	14.763±0.015	15.928±0.016	57101
50582.0464	14.767±0.015	15.917±0.016	57294
50593.9358	14.782±0.015	15.939±0.016	57485
50599.9450	14.780±0.015	15.937±0.016	57863
50602.9590	14.791±0.015	15.943±0.016	58128
50607.9459	14.811±0.015	15.954±0.015	58528
50613.9339	14.819±0.016	15.973±0.021	58875
50620.9071	14.814±0.015	15.986±0.017	59524
50623.3229	14.829±0.015	15.998±0.016	59681
50630.9106	14.852±0.015	16.021±0.016	59797
50632.3303	14.848±0.015	16.016±0.016	59970
50641.2264	14.862±0.016	16.010±0.028	60573
50642.8815	14.866±0.015	16.028±0.016	60635
50648.1726	14.829±0.015	15.984±0.018	60992
50653.1380	14.810±0.015	15.970±0.016	61486
50658.3026	14.805±0.015	15.969±0.015	61756
50661.1928	14.786±0.015	15.937±0.016	62041
50663.2692	14.779±0.015	15.934±0.015	62247
50675.2259	14.726±0.015	15.867±0.016	62915
50679.1405	14.704±0.015	15.845±0.018	63197
50681.1508	14.692±0.015	15.829±0.016	63403
50683.1235	14.704±0.015	15.838±0.017	63608
50690.2514	14.699±0.015	15.846±0.015	64026
50702.2447	14.738±0.015	15.888±0.015	64219

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50705.2287	14.777±0.015	15.935±0.016	64350
50716.1408	14.825±0.015	15.978±0.016	64540
50719.0389	14.832±0.015	15.990±0.016	64661
50720.1813	14.845±0.015	16.002±0.016	64756
50722.1216	14.848±0.015	16.020±0.015	64909
50727.0049	14.871±0.015	16.028±0.016	65197
50732.0010	14.907±0.015	16.065±0.017	65323
50733.1762	14.911±0.015	16.079±0.017	65433
50734.2479	14.918±0.015	16.083±0.016	65519
50737.2437	14.938±0.015	16.120±0.018	65730
50739.1946	14.952±0.015	16.128±0.018	65847
50742.1370	14.950±0.015	16.119±0.016	65970
50744.2363	14.959±0.015	16.134±0.016	66088
50786.1899	14.709±0.015	15.824±0.016	67025
50803.0635	14.748±0.015	15.890±0.015	67304
50805.1221	14.765±0.015	15.902±0.016	67410
50810.9736	14.801±0.015	15.950±0.016	67526
50814.1034	14.834±0.015	15.994±0.015	67664
50826.1262	14.868±0.015	16.033±0.016	67796
50833.0259	14.893±0.015	16.060±0.015	67898
50840.2175	14.920±0.015	16.089±0.016	68123
50843.0444	14.935±0.015	16.104±0.015	68249
50846.1203	14.960±0.015	16.133±0.015	68366
50853.0430	14.985±0.016	16.152±0.019	68497
50861.0883	15.018±0.015	16.180±0.017	68609
50862.2598	14.998±0.015	16.168±0.016	68702
50869.0399	15.018±0.015	16.191±0.015	69077
50871.1593	15.033±0.015	16.214±0.016	69241
50876.0292	15.051±0.015	16.226±0.016	69379
50876.2181	15.044±0.015	16.224±0.016	69416
50881.0481	15.065±0.015	16.247±0.016	69528
50882.1866	15.063±0.015	16.234±0.016	69631
50883.1712	15.068±0.015	16.250±0.016	69711
50884.1925	15.076±0.015	16.249±0.017	69796

TABLE 1
MACHO PROJECT PHOTOMETRY FOR 78.6460.7

HJD - 2,400,000	R (mag)	V (mag)	ObsID
48830.3092	14.704±0.015	16.222±0.022	448
48832.2834	14.705±0.015	16.208±0.018	481
48835.2889	14.705±0.015	16.206±0.017	579
48842.2797	14.658±0.015	16.150±0.019	772
48844.2797	14.658±0.015	16.159±0.022	846
48885.1211	14.545±0.015	15.981±0.018	1104
48889.2071	14.551±0.015	15.991±0.017	1201
48893.2374	14.539±0.015	15.967±0.018	1224
48897.2409	14.523±0.015	15.936±0.018	1283
48917.1655	14.474±0.015	15.879±0.017	1437
48924.2064	14.455±0.015	15.867±0.016	1584
48965.1365	14.476±0.015	15.868±0.020	2180
48965.9715	14.464±0.015	15.869±0.019	2201
48966.1100	14.478±0.015	15.882±0.018	2227
48966.2155	14.465±0.015	15.912±0.017	2239
48966.9663	14.481±0.015	15.888±0.017	2246
48967.0899	14.479±0.015	15.867±0.018	2270
48975.0165	14.508±0.015	15.921±0.018	2317
48984.9653	14.535±0.015	15.946±0.017	2331
48985.1383	14.528±0.015	15.982±0.018	2355
48985.9955	14.547±0.015	15.957±0.016	2373
48986.1606	14.500±0.015	16.001±0.016	2405
48986.2293	14.524±0.015	15.986±0.017	2411
48988.1066	14.536±0.015	15.949±0.016	2439
48988.1570	14.521±0.015	15.979±0.016	2445
48988.9707	14.539±0.015	15.946±0.017	2464
48989.1185	14.555±0.015	15.981±0.018	2493
48989.1620	14.522±0.015	15.992±0.017	2498
48989.9938	14.550±0.015	15.961±0.017	2517
48990.0999	14.553±0.015	15.964±0.018	2540
48996.0041	14.556±0.015	15.968±0.020	2547
48996.9412	14.572±0.015	15.986±0.016	2552
48997.1787	14.548±0.015	15.998±0.017	2598
48998.9431	14.574±0.015	15.997±0.016	2613
48999.0530	14.569±0.015	15.992±0.017	2636
49000.9568	14.565±0.015	15.976±0.018	2681
49001.1363	14.548±0.016	16.011±0.025	2716
49001.9462	14.577±0.015	15.990±0.016	2731
49002.1379	14.553±0.015	16.013±0.017	2768
49002.9438	14.568±0.015	15.968±0.017	2793
49003.9823	14.580±0.016	16.008±0.026	2812
49004.9360	14.583±0.015	15.986±0.016	2841
49006.9528	14.582±0.015	15.999±0.016	2848
49007.1369	14.565±0.015	16.007±0.017	2883
49008.1145	14.564±0.015	15.996±0.016	2932

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49011.1167	14.618±0.016	16.039±0.021	2963
49012.0326	14.575±0.015	15.996±0.019	2977
49016.9447	14.582±0.015	16.001±0.018	3086
49021.0328	14.577±0.015	15.962±0.018	3199
49021.9506	14.594±0.015	16.011±0.016	3248
49024.9419	14.600±0.015	16.013±0.021	3311
49025.9727	14.606±0.015	16.047±0.017	3331
49029.9422	14.613±0.015	16.029±0.017	3373
49031.9632	14.608±0.015	16.021±0.020	3396
49032.9389	14.616±0.015	16.036±0.018	3402
49034.9882	14.616±0.015	16.016±0.016	3487
49036.0668	14.597±0.015	16.064±0.017	3492
49040.9849	14.606±0.015	16.016±0.016	3593
49044.1560	14.579±0.015	16.023±0.016	3723
49045.9255	14.599±0.015	16.015±0.016	3800
49046.1591	14.574±0.015	16.013±0.017	3841
49048.9215	14.588±0.015	16.008±0.018	3894
49049.1552	14.570±0.015	16.020±0.019	3938
49049.9212	14.584±0.015	15.991±0.017	3961
49050.0629	14.556±0.015	16.023±0.018	3985
49051.9177	14.556±0.015	15.962±0.017	4051
49054.1509	14.521±0.015	15.991±0.025	4087
49056.1539	14.514±0.015	15.936±0.021	4098
49058.9089	14.531±0.015	15.936±0.016	4119
49059.9190	14.526±0.015	15.930±0.016	4122
49060.9021	14.532±0.015	15.920±0.016	4163
49061.1459	14.482±0.015	15.897±0.017	4186
49061.9047	14.523±0.015	15.920±0.016	4204
49062.0852	14.496±0.015	15.924±0.016	4226
49062.9026	14.511±0.015	15.906±0.016	4250
49065.1194	14.482±0.015	15.917±0.016	4296
49065.9361	14.506±0.015	15.898±0.016	4329
49066.1224	14.466±0.015	15.882±0.016	4360
49067.8967	14.491±0.015	15.883±0.017	4420
49068.0386	14.489±0.015	15.948±0.017	4444
49068.9590	14.484±0.015	15.922±0.016	4471
49069.9075	14.493±0.015	15.900±0.016	4524
49070.0419	14.472±0.015	15.904±0.016	4547
49070.1442	14.456±0.015	15.859±0.016	4567
49073.8834	14.480±0.015	15.871±0.016	4581
49074.8933	14.477±0.015	15.863±0.017	4594
49075.8844	14.480±0.015	15.869±0.020	4632
49077.9251	14.473±0.015	15.896±0.016	4761
49079.1622	14.423±0.015	15.812±0.019	4791
49080.9914	14.452±0.015	15.844±0.016	4831

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49081.0094	14.450±0.015	15.868±0.016	4835
49097.8794	14.497±0.015	15.933±0.016	5572
49098.0069	14.480±0.015	15.893±0.016	5594
49098.9799	14.478±0.015	15.890±0.016	5686
49103.9773	14.499±0.015	15.925±0.016	5918
49106.9573	14.501±0.015	15.919±0.017	6023
49107.0612	14.499±0.015	15.905±0.018	6045
49108.0276	14.495±0.015	15.905±0.017	6088
49116.0307	14.521±0.015	15.917±0.018	6541
49123.8617	14.600±0.015	16.071±0.017	6925
49127.9006	14.605±0.015	16.057±0.016	7361
49128.3190	14.609±0.015	15.994±0.018	7458
49133.9189	14.628±0.015	16.062±0.016	7595
49134.8559	14.654±0.015	16.103±0.016	7655
49135.3150	14.650±0.015	16.031±0.016	7750
49135.8448	14.657±0.015	16.125±0.016	7755
49142.2739	14.670±0.016	16.077±0.028	7952
49144.2587	14.687±0.016	16.091±0.028	8073
49145.2765	14.675±0.016	16.074±0.026	8175
49153.2560	14.717±0.015	16.122±0.019	8493
49162.8850	14.716±0.015	16.159±0.017	8825
49164.2538	14.733±0.015	16.143±0.018	8999
49165.2406	14.739±0.015	16.146±0.021	9102
49168.3354	14.756±0.016	16.196±0.021	9275
49169.3107	14.782±0.016	16.245±0.028	9279
49170.2567	14.750±0.015	16.171±0.017	9320
49179.1789	14.755±0.016	16.154±0.037	9515
49179.2441	14.759±0.015	16.165±0.018	9518
49180.2002	14.763±0.015	16.186±0.021	9544
49181.1675	14.746±0.015	16.145±0.018	9626
49182.3140	14.772±0.015	16.205±0.016	9739
49184.2730	14.760±0.015	16.179±0.019	9829
49184.8595	14.745±0.015	16.192±0.018	9839
49186.8470	14.727±0.015	16.152±0.017	9995
49189.1360	14.748±0.015	16.147±0.021	10145
49190.1445	14.756±0.015	16.148±0.018	10234
49195.1583	14.749±0.015	16.154±0.020	10354
49195.3269	14.749±0.015	16.175±0.019	10390
49196.1081	14.737±0.015	16.133±0.019	10430
49197.1425	14.749±0.016	16.144±0.024	10503
49197.3347	14.761±0.015	16.190±0.019	10543
49200.1697	14.750±0.015	16.165±0.024	10574
49202.3348	14.742±0.015	16.196±0.020	10669
49204.1267	14.735±0.015	16.124±0.022	10711
49204.3254	14.745±0.015	16.203±0.018	10752

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49205.1253	14.735±0.015	16.129±0.019	10810
49211.3211	14.739±0.015	16.200±0.017	11153
49217.3018	14.720±0.015	16.185±0.020	11411
49218.0800	14.714±0.015	16.097±0.017	11468
49219.0698	14.711±0.015	16.099±0.018	11537
49219.3089	14.715±0.016	16.175±0.020	11575
49221.2872	14.726±0.015	16.134±0.021	11666
49224.0539	14.684±0.015	16.070±0.018	11871
49225.0321	14.682±0.015	16.051±0.019	11935
49226.2528	14.717±0.015	16.124±0.018	11989
49227.2854	14.716±0.024	16.190±0.111	12015
49253.0205	14.987±0.015	16.170±0.017	12122
49253.9631	14.636±0.015	16.050±0.019	12164
49255.0826	14.664±0.015	16.100±0.017	12178
49255.9995	14.650±0.015	16.060±0.018	12234
49256.2712	14.652±0.015	16.131±0.018	12287
49257.0131	14.642±0.015	16.065±0.017	12315
49257.2652	14.653±0.015	16.129±0.016	12362
49258.9537	14.638±0.015	16.040±0.020	12450
49260.0174	14.637±0.016	16.045±0.026	12476
49260.1697	14.652±0.015	16.090±0.017	12481
49260.9841	14.631±0.015	16.055±0.019	12503
49265.9678	14.623±0.015	16.036±0.018	12568
49267.0317	14.626±0.015	16.054±0.017	12606
49268.0602	14.599±0.015	16.006±0.018	12641
49268.2629	14.617±0.015	16.090±0.020	12673
49269.0236	14.612±0.015	16.039±0.019	12690
49269.2552	14.610±0.015	16.087±0.016	12734
49273.0566	14.607±0.015	16.029±0.016	12838
49273.9405	14.588±0.015	15.981±0.018	12860
49274.9330	14.590±0.015	15.990±0.016	12911
49277.2090	14.602±0.015	16.016±0.016	12929
49278.0981	14.593±0.015	16.013±0.017	12942
49280.1883	14.589±0.015	16.003±0.018	12967
49282.9933	14.564±0.015	15.971±0.016	13013
49283.9156	14.551±0.015	15.957±0.017	13057
49285.2464	14.554±0.015	15.980±0.019	13129
49286.1183	14.553±0.015	15.965±0.018	13132
49286.9331	14.524±0.015	15.913±0.019	13161
49290.0164	14.524±0.015	15.912±0.018	13259
49291.1766	14.515±0.015	15.899±0.021	13307
49291.9370	14.500±0.015	15.888±0.018	13322
49301.9377	14.463±0.015	15.827±0.017	13383
49303.0485	14.476±0.015	15.855±0.016	13396
49303.9077	14.469±0.015	15.834±0.016	13429

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49307.9837	14.453±0.015	15.821±0.016	13447
49309.9393	14.444±0.015	15.815±0.016	13504
49311.9962	14.463±0.015	15.829±0.017	13569
49312.2062	14.437±0.015	15.855±0.018	13607
49313.0012	14.457±0.015	15.827±0.017	13624
49319.2155	14.442±0.015	15.848±0.019	13884
49372.9496	14.692±0.015	16.080±0.016	13903
49375.0687	14.665±0.015	16.073±0.020	13949
49375.9581	14.673±0.015	16.071±0.017	13974
49376.2434	14.645±0.015	16.079±0.016	14029
49376.9800	14.675±0.015	16.079±0.017	14034
49377.2225	14.644±0.015	16.084±0.017	14080
49378.2252	14.658±0.015	16.107±0.020	14123
49378.9319	14.657±0.015	16.026±0.021	14130
49379.2252	14.631±0.016	16.030±0.024	14179
49379.2301	14.626±0.015	16.019±0.022	14180
49380.9365	14.688±0.015	16.099±0.017	14199
49381.2501	14.655±0.015	16.082±0.021	14247
49382.0223	14.680±0.015	16.090±0.017	14251
49383.2367	14.666±0.015	16.093±0.022	14283
49383.9700	14.698±0.016	16.140±0.027	14290
49386.9588	14.701±0.015	16.108±0.017	14347
49387.2566	14.672±0.015	16.086±0.021	14393
49388.2630	14.659±0.018	16.097±0.049	14396
49389.0718	14.709±0.015	16.180±0.018	14399
49390.2023	14.682±0.015	16.128±0.017	14419
49390.9456	14.710±0.015	16.112±0.021	14425
49396.9638	14.720±0.015	16.140±0.019	14499
49399.9302	14.730±0.015	16.146±0.019	14565
49400.2318	14.705±0.015	16.135±0.019	14620
49400.9424	14.732±0.016	16.175±0.024	14629
49405.0032	14.725±0.015	16.126±0.018	14642
49405.9826	14.749±0.015	16.178±0.018	14678
49412.7199	14.744±0.015	16.160±0.017	14876
49414.9765	14.747±0.015	16.147±0.017	14977
49417.9164	14.761±0.015	16.196±0.018	15088
49425.9955	14.741±0.015	16.211±0.018	15238
49426.1947	14.722±0.015	16.149±0.017	15268
49426.9095	14.769±0.015	16.195±0.016	15294
49427.1810	14.729±0.015	16.154±0.017	15343
49432.9103	14.780±0.015	16.206±0.017	15476
49433.9129	14.766±0.015	16.174±0.016	15514
49434.9314	14.774±0.015	16.197±0.017	15558
49435.1616	14.735±0.015	16.184±0.020	15586
49435.9192	14.768±0.015	16.181±0.018	15598

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49436.9157	14.784±0.015	16.229±0.019	15632
49437.8929	14.787±0.015	16.217±0.017	15681
49439.9004	14.788±0.015	16.218±0.018	15742
49446.0338	14.753±0.015	16.239±0.018	15862
49446.9911	14.773±0.015	16.275±0.017	15906
49448.8830	14.796±0.015	16.244±0.019	16011
49450.8888	14.790±0.015	16.221±0.016	16173
49455.8771	14.788±0.015	16.248±0.020	16381
49459.1149	14.734±0.016	16.190±0.023	16501
49461.1190	14.715±0.015	16.150±0.019	16608
49461.9462	14.748±0.015	16.243±0.016	16641
49464.1067	14.717±0.015	16.163±0.019	16766
49466.1033	14.707±0.015	16.133±0.019	16867
49467.9745	14.716±0.015	16.174±0.019	16984
49472.9899	14.700±0.015	16.173±0.016	17210
49474.0088	14.695±0.015	16.151±0.017	17288
49485.3142	14.662±0.015	16.054±0.017	17798
49486.3207	14.667±0.015	16.059±0.021	17880
49486.9078	14.659±0.015	16.115±0.021	17882
49488.3092	14.660±0.015	16.039±0.017	18045
49501.3074	14.665±0.015	16.073±0.019	18569
49505.9178	14.652±0.015	16.105±0.017	18727
49514.2938	14.676±0.015	16.081±0.017	19091
49523.2278	14.670±0.015	16.069±0.019	19489
49523.8933	14.638±0.018	16.101±0.049	19511
49525.8826	14.663±0.015	16.100±0.019	19525
49526.2628	14.681±0.015	16.099±0.024	19556
49526.8480	14.675±0.015	16.144±0.020	19572
49531.3026	14.706±0.015	16.136±0.019	19715
49532.2176	14.686±0.015	16.084±0.018	19742
49533.2948	14.709±0.015	16.125±0.018	19817
49535.2600	14.705±0.015	16.129±0.023	19951
49536.3138	14.712±0.015	16.139±0.017	19980
49540.2711	14.717±0.015	16.143±0.018	20318
49541.2439	14.718±0.015	16.128±0.019	20400
49542.2591	14.712±0.015	16.119±0.017	20458
49542.8947	14.689±0.015	16.104±0.016	20485
49543.3186	14.737±0.016	16.215±0.034	20560
49547.3033	14.727±0.015	16.142±0.019	20734
49551.2941	14.740±0.015	16.161±0.018	21024
49552.2488	14.721±0.016	16.148±0.028	21037
49553.3197	14.736±0.015	16.162±0.016	21128
49555.3133	14.739±0.015	16.178±0.021	21243
49556.3029	14.733±0.015	16.174±0.024	21309
49557.3043	14.740±0.015	16.171±0.021	21402

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49558.2493	14.730±0.015	16.182±0.025	21454
49559.1955	14.729±0.015	16.158±0.020	21527
49560.1304	14.718±0.015	16.123±0.019	21589
49560.3122	14.741±0.015	16.192±0.017	21619
49562.1741	14.721±0.016	16.156±0.025	21763
49563.1910	14.728±0.015	16.165±0.018	21824
49563.3347	14.744±0.015	16.187±0.016	21847
49565.3319	14.746±0.015	16.204±0.019	21849
49567.3038	14.744±0.015	16.170±0.017	21936
49568.1444	14.734±0.015	16.142±0.016	21995
49568.3098	14.736±0.015	16.167±0.017	22025
49569.1580	14.732±0.015	16.140±0.018	22074
49570.1473	14.744±0.015	16.152±0.017	22152
49570.3088	14.751±0.015	16.190±0.017	22183
49571.3270	14.741±0.015	16.183±0.021	22200
49572.1169	14.735±0.015	16.140±0.020	22243
49572.3119	14.745±0.015	16.190±0.021	22277
49573.3071	14.753±0.015	16.185±0.018	22361
49574.1147	14.719±0.015	16.121±0.019	22408
49575.1174	14.742±0.015	16.145±0.016	22493
49576.3276	14.765±0.015	16.206±0.020	22532
49577.1360	14.736±0.016	16.164±0.033	22568
49578.0966	14.733±0.015	16.159±0.021	22605
49579.1085	14.742±0.015	16.152±0.018	22691
49579.2914	14.764±0.015	16.187±0.016	22729
49580.1184	14.747±0.015	16.157±0.018	22779
49581.0714	14.739±0.015	16.124±0.017	22854
49581.2808	14.759±0.015	16.177±0.017	22895
49583.1669	14.752±0.015	16.197±0.020	22970
49584.3127	14.778±0.015	16.210±0.019	22998
49585.3200	14.767±0.015	16.203±0.017	23000
49586.1325	14.752±0.015	16.177±0.025	23044
49589.1441	14.776±0.015	16.209±0.018	23253
49590.0747	14.768±0.015	16.178±0.017	23305
49591.0827	14.761±0.015	16.181±0.017	23357
49592.1049	14.770±0.015	16.191±0.017	23434
49592.2876	14.768±0.015	16.258±0.017	23465
49593.0728	14.763±0.015	16.195±0.018	23504
49596.0919	14.777±0.018	16.196±0.061	23617
49596.1336	14.787±0.015	16.228±0.019	23625
49597.1052	14.786±0.015	16.217±0.017	23684
49597.2817	14.791±0.015	16.281±0.016	23711
49598.1715	14.800±0.015	16.235±0.016	23755
49599.1353	14.794±0.015	16.236±0.018	23815
49599.2702	14.789±0.015	16.292±0.021	23838

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49600.1372	14.806±0.015	16.245±0.019	23880
49603.0896	14.811±0.015	16.247±0.017	23960
49605.1118	14.808±0.015	16.247±0.016	24012
49606.0931	14.822±0.015	16.253±0.017	24087
49607.1034	14.829±0.015	16.269±0.017	24166
49607.9787	14.796±0.016	16.198±0.025	24214
49614.2656	14.855±0.015	16.321±0.024	24580
49619.0698	14.867±0.015	16.334±0.020	24845
49621.0935	14.867±0.016	16.323±0.023	24993
49623.1027	14.873±0.016	16.345±0.025	25038
49624.1009	14.866±0.015	16.319±0.019	25083
49626.0807	14.876±0.015	16.334±0.019	25175
49628.0832	14.889±0.015	16.357±0.019	25229
49629.1383	14.888±0.015	16.348±0.019	25280
49631.0653	14.884±0.015	16.342±0.016	25366
49634.0104	14.889±0.015	16.349±0.019	25435
49635.0050	14.878±0.015	16.326±0.018	25480
49636.0693	14.884±0.015	16.344±0.019	25549
49637.0410	14.871±0.015	16.310±0.022	25615
49638.1229	14.883±0.015	16.340±0.017	25647
49640.0450	14.875±0.015	16.346±0.018	25727
49641.0796	14.873±0.015	16.350±0.018	25791
49642.1907	14.868±0.015	16.325±0.016	25852
49642.9884	14.860±0.015	16.308±0.020	25876
49643.0511	14.860±0.015	16.308±0.019	25888
49645.9654	14.865±0.016	16.327±0.031	25909
49647.1255	14.834±0.015	16.281±0.021	25962
49648.0370	14.840±0.015	16.276±0.017	25975
49648.9803	14.829±0.015	16.256±0.018	25998
49649.9756	14.820±0.015	16.247±0.017	26061
49652.1004	14.811±0.015	16.253±0.017	26141
49654.0408	14.800±0.016	16.250±0.035	26168
49655.0071	14.777±0.015	16.207±0.022	26208
49661.1256	14.757±0.015	16.183±0.017	26238
49665.1619	14.731±0.015	16.162±0.019	26260
49666.0135	14.722±0.015	16.144±0.019	26282
49666.9756	14.712±0.015	16.131±0.021	26325
49668.1048	14.707±0.015	16.115±0.016	26380
49668.9865	14.701±0.015	16.116±0.023	26410
49670.9940	14.691±0.015	16.102±0.021	26422
49671.9372	14.666±0.015	16.056±0.022	26474
49673.9500	14.649±0.017	16.029±0.047	26502
49675.1776	14.664±0.015	16.051±0.021	26549
49676.9827	14.675±0.015	16.083±0.019	26569
49681.9809	14.656±0.015	16.054±0.016	26608

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49682.9800	14.660±0.015	16.056±0.016	26660
49687.9841	14.640±0.015	16.029±0.017	26675
49688.9834	14.633±0.015	16.027±0.017	26706
49690.0612	14.631±0.015	16.021±0.017	26744
49692.0326	14.653±0.015	16.041±0.016	26849
49694.0054	14.652±0.015	16.040±0.016	26955
49696.0231	14.644±0.015	16.022±0.018	26976
49697.0354	14.646±0.015	16.014±0.016	27027
49699.0042	14.641±0.016	16.037±0.023	27131
49699.1407	14.647±0.015	16.038±0.019	27133
49704.0827	14.642±0.015	16.025±0.017	27311
49705.0052	14.642±0.015	16.043±0.019	27343
49723.9738	14.717±0.015	16.107±0.016	27545
49727.9692	14.721±0.015	16.114±0.017	27579
49730.1649	14.692±0.015	16.152±0.016	27672
49731.0150	14.735±0.015	16.154±0.016	27694
49739.1275	14.698±0.015	16.144±0.020	27779
49742.0898	14.719±0.015	16.172±0.017	27868
49746.1336	14.711±0.015	16.164±0.017	27954
49748.0932	14.723±0.015	16.182±0.016	28057
49750.2004	14.714±0.015	16.146±0.017	28170
49751.9971	14.720±0.015	16.173±0.016	28194
49753.1221	14.711±0.015	16.168±0.016	28277
49757.1615	14.704±0.015	16.150±0.018	28393
49760.0492	14.711±0.015	16.162±0.016	28409
49761.2278	14.714±0.015	16.144±0.018	28470
49763.0424	14.722±0.015	16.170±0.017	28500
49765.1694	14.720±0.015	16.155±0.018	28556
49769.2715	14.719±0.016	16.148±0.023	28667
49784.9876	14.792±0.015	16.260±0.016	28675
49787.1658	14.781±0.015	16.224±0.021	28727
49790.9676	14.815±0.015	16.282±0.018	28961
49792.1651	14.806±0.015	16.253±0.024	29017
49795.9667	14.837±0.015	16.312±0.018	29097
49799.9530	14.884±0.015	16.348±0.016	29265
49803.1298	14.847±0.015	16.305±0.017	29486
49804.9482	14.864±0.015	16.331±0.018	29515
49806.1577	14.858±0.015	16.306±0.018	29590
49806.9558	14.875±0.015	16.380±0.016	29623
49808.1401	14.854±0.015	16.300±0.018	29699
49809.9824	14.881±0.015	16.371±0.017	29813
49819.1328	14.872±0.015	16.325±0.022	30075
49833.0825	14.901±0.015	16.381±0.018	30592
49835.9495	14.920±0.015	16.433±0.016	30664
49844.0689	14.879±0.015	16.365±0.020	30853

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49856.9646	14.910±0.015	16.403±0.017	31091
49862.8560	14.917±0.016	16.458±0.035	31240
49862.9012	14.906±0.016	16.413±0.027	31241
49868.3261	14.912±0.015	16.335±0.018	31397
49874.8728	14.856±0.046	16.098±0.168	31594
49875.8475	14.877±0.015	16.379±0.020	31601
49884.3192	14.868±0.015	16.297±0.019	31752
49892.3070	14.844±0.015	16.247±0.018	32380
49900.3351	14.814±0.015	16.213±0.017	32597
49902.3225	14.800±0.015	16.198±0.017	32727
49906.2903	14.795±0.015	16.167±0.018	32848
49908.2824	14.782±0.015	16.162±0.020	32947
49917.3129	14.756±0.015	16.121±0.021	33071
49918.2625	14.758±0.015	16.107±0.020	33154
49922.2024	14.729±0.015	16.075±0.019	33316
49926.1606	14.723±0.016	16.052±0.025	33540
49932.2812	14.734±0.015	16.069±0.021	33846
49937.2233	14.753±0.015	16.085±0.019	34180
49939.1092	14.739±0.015	16.051±0.024	34370
49940.1360	14.746±0.015	16.048±0.019	34491
49941.2742	14.773±0.015	16.114±0.019	34595
49942.1172	14.754±0.015	16.056±0.018	34669
49944.1830	14.777±0.015	16.092±0.016	34909
49945.2040	14.781±0.015	16.107±0.017	35007
49953.1814	14.812±0.015	16.139±0.017	35554
49954.0979	14.812±0.015	16.129±0.017	35615
49955.1826	14.816±0.015	16.144±0.022	35698
49958.0516	14.835±0.015	16.132±0.016	35860
49962.0651	14.865±0.015	16.190±0.018	36015
49964.2465	14.872±0.015	16.225±0.021	36100
49967.1626	14.896±0.015	16.227±0.017	36213
49968.0582	14.888±0.015	16.222±0.019	36274
49970.0189	14.906±0.016	16.252±0.036	36326
49971.0211	14.885±0.015	16.198±0.022	36363
49972.2681	14.923±0.015	16.272±0.017	36437
49973.0344	14.926±0.015	16.261±0.017	36472
49974.0202	14.926±0.016	16.259±0.021	36547
49975.0677	14.922±0.015	16.271±0.018	36574
49977.0201	14.935±0.015	16.249±0.017	36635
49982.9971	14.964±0.015	16.313±0.021	36782
49987.0226	14.994±0.015	16.348±0.019	36854
49988.0077	14.993±0.015	16.331±0.016	36927
49995.0364	15.029±0.015	16.380±0.018	37070
49995.2419	15.036±0.015	16.390±0.019	37116
49996.2128	15.035±0.015	16.388±0.021	37130

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
49997.0348	15.029±0.016	16.369±0.028	37165
49997.0437	15.031±0.016	16.396±0.028	37167
49997.0525	15.033±0.016	16.401±0.026	37169
49999.0187	15.061±0.015	16.410±0.023	37301
49999.0277	15.054±0.015	16.391±0.022	37303
49999.0366	15.063±0.015	16.405±0.022	37305
50005.2631	15.047±0.059	16.436±0.265	37428
50006.0034	15.103±0.015	16.465±0.017	37453
50006.0130	15.107±0.015	16.478±0.016	37455
50006.0219	15.111±0.015	16.476±0.017	37457
50007.0169	15.120±0.016	16.511±0.031	37535
50008.1341	15.131±0.016	16.514±0.025	37601
50013.9826	15.177±0.015	16.554±0.018	37650
50013.9926	15.181±0.015	16.579±0.018	37652
50014.0015	15.169±0.015	16.560±0.019	37654
50014.2638	15.179±0.016	16.560±0.023	37711
50015.9875	15.187±0.017	16.598±0.040	37735
50020.1238	15.224±0.016	16.624±0.024	37764
50022.0447	15.242±0.015	16.641±0.019	37814
50022.9953	15.231±0.019	16.529±0.049	37837
50023.0119	15.245±0.016	16.626±0.029	37840
50029.9608	15.321±0.015	16.732±0.021	37903
50029.9704	15.327±0.016	16.741±0.023	37905
50029.9792	15.338±0.015	16.747±0.021	37907
50032.0157	15.361±0.017	16.765±0.039	37946
50033.9618	15.375±0.015	16.779±0.019	37991
50033.9706	15.376±0.015	16.788±0.021	37993
50033.9795	15.377±0.015	16.769±0.019	37995
50035.1508	15.392±0.016	16.809±0.024	38006
50036.9732	15.413±0.015	16.820±0.017	38016
50036.9851	15.416±0.015	16.822±0.017	38018
50036.9940	15.419±0.015	16.821±0.016	38020
50038.9367	15.428±0.015	16.829±0.021	38045
50046.0105	15.507±0.015	16.942±0.019	38127
50046.0396	15.517±0.015	16.956±0.019	38132
50046.9806	15.504±0.016	16.946±0.024	38182
50046.9901	15.509±0.016	16.974±0.028	38184
50046.9990	15.522±0.016	16.990±0.036	38186
50048.9827	15.524±0.015	16.950±0.017	38273
50048.9929	15.536±0.015	16.975±0.018	38275
50049.0021	15.533±0.015	16.953±0.017	38277
50054.9975	15.576±0.015	17.003±0.018	38324
50058.9960	15.580±0.016	17.015±0.031	38397
50059.0063	15.595±0.016	17.021±0.029	38399
50059.0155	15.586±0.016	17.030±0.031	38401

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50059.9945	15.604±0.016	17.026±0.030	38425
50060.0089	15.593±0.016	17.029±0.032	38428
50061.1408	15.605±0.016	17.050±0.029	38430
50061.9973	15.599±0.016	17.043±0.024	38440
50062.0064	15.599±0.016	17.053±0.025	38442
50062.0152	15.587±0.016	17.023±0.027	38444
50064.0013	15.615±0.016	17.054±0.025	38517
50065.1680	15.621±0.018	17.029±0.042	38558
50067.0008	15.625±0.015	17.031±0.016	38566
50067.0097	15.624±0.015	17.037±0.018	38568
50067.0185	15.624±0.015	17.033±0.016	38570
50067.9985	15.634±0.016	17.060±0.023	38598
50068.0073	15.629±0.016	17.058±0.021	38600
50068.0162	15.626±0.016	17.065±0.026	38602
50070.0006	15.639±0.017	17.053±0.037	38619
50071.9729	15.636±0.015	17.046±0.018	38626
50073.0070	15.635±0.016	17.067±0.034	38679
50073.0158	15.646±0.016	17.085±0.031	38681
50074.0181	15.645±0.016	17.077±0.029	38725
50074.9567	15.643±0.016	17.061±0.025	38735
50074.9655	15.649±0.016	17.069±0.025	38737
50074.9755	15.647±0.016	17.052±0.024	38739
50078.0192	15.655±0.015	17.068±0.019	38783
50080.9839	15.672±0.016	17.110±0.027	38837
50084.1739	15.648±0.015	17.070±0.017	38843
50087.1353	15.675±0.015	17.035±0.019	38849
50089.0187	15.699±0.015	17.080±0.018	38861
50090.0125	15.703±0.015	17.077±0.020	38912
50092.0438	15.714±0.015	17.083±0.019	38961
50094.0343	15.740±0.016	17.095±0.028	39012
50094.2001	15.696±0.015	17.121±0.017	39015
50096.0019	15.748±0.016	17.121±0.021	39027
50096.0108	15.750±0.016	17.119±0.021	39029
50096.0197	15.750±0.015	17.123±0.019	39031
50100.1507	15.776±0.016	17.212±0.028	39047
50106.0161	15.841±0.016	17.217±0.023	39119
50108.0123	15.837±0.015	17.280±0.017	39159
50108.0308	15.846±0.015	17.278±0.017	39163
50109.9896	15.864±0.016	17.315±0.022	39278
50109.9987	15.857±0.015	17.303±0.020	39280
50123.9654	16.037±0.016	17.488±0.026	39387
50124.9754	16.057±0.016	17.517±0.026	39442
50125.0049	16.079±0.016	17.569±0.032	39447
50125.0314	16.037±0.015	17.480±0.018	39451
50126.0089	16.109±0.016	17.552±0.028	39490

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50126.0269	16.034±0.016	17.504±0.022	39494
50126.0589	16.050±0.016	17.524±0.024	39501
50126.9905	16.056±0.016	17.515±0.020	39549
50126.9993	16.048±0.015	17.512±0.019	39551
50127.0082	16.040±0.016	17.497±0.024	39553
50127.9813	16.073±0.016	17.572±0.025	39613
50127.9902	16.057±0.016	17.513±0.025	39615
50128.9902	16.068±0.016	17.549±0.023	39683
50129.0111	16.065±0.016	17.496±0.022	39687
50130.9520	16.103±0.016	17.547±0.021	39764
50130.9608	16.090±0.016	17.533±0.020	39766
50130.9697	16.089±0.016	17.540±0.019	39768
50132.0291	16.118±0.016	17.582±0.026	39797
50132.9463	16.107±0.016	17.575±0.028	39854
50133.9985	16.130±0.016	17.599±0.028	39892
50139.0021	16.174±0.016	17.631±0.023	39992
50141.9409	16.223±0.016	17.714±0.036	40058
50141.9597	16.222±0.016	17.706±0.028	40062
50145.9845	16.258±0.017	17.721±0.052	40127
50152.9702	16.374±0.021	17.865±0.075	40199
50154.1902	16.322±0.018	17.781±0.060	40229
50154.9279	16.355±0.016	17.831±0.019	40251
50155.9842	16.363±0.016	17.847±0.021	40332
50155.9942	16.347±0.016	17.811±0.021	40334
50156.0039	16.349±0.016	17.800±0.019	40336
50157.9363	16.371±0.016	17.861±0.028	40376
50161.1464	16.400±0.016	17.856±0.027	40531
50166.9577	16.483±0.017	17.963±0.038	40655
50167.9561	16.457±0.025	17.928±0.097	40702
50169.1145	16.444±0.019	17.883±0.056	40754
50170.0011	16.492±0.016	17.987±0.022	40817
50172.0325	16.491±0.054	17.698±0.206	40903
50172.9923	16.533±0.018	18.013±0.057	40910
50179.9631	16.590±0.017	18.112±0.040	41279
50183.9567	16.686±0.097	18.223±0.623	41412
50186.8837	16.683±0.018	18.286±0.056	41495
50188.8905	16.689±0.019	18.215±0.054	41540
50193.8867	16.717±0.017	18.318±0.043	41678
50197.8804	16.734±0.019	18.333±0.078	41786
50202.8690	16.779±0.020	18.405±0.092	42343
50213.9337	16.877±0.021	18.512±0.084	42535
50218.0019	16.876±0.017	18.436±0.035	42821
50249.2750	16.941±0.071	18.001±0.230	45189
50264.2589	16.977±0.024	18.822±0.208	45750
50264.8866	16.880±0.021	18.573±0.119	45765

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50271.8738	16.856±0.019	18.552±0.075	45978
50272.2353	16.894±0.021	18.612±0.137	46049
50273.2880	16.890±0.018	18.531±0.065	46132
50277.2387	16.868±0.017	18.493±0.047	46281
50279.1835	16.868±0.019	18.540±0.093	46439
50300.3201	16.807±0.019	18.558±0.119	46666
50302.2521	16.765±0.026	18.350±0.152	46776
50304.1874	16.751±0.020	18.361±0.090	46915
50305.1916	16.785±0.019	18.498±0.106	47036
50306.1988	16.778±0.016	18.341±0.023	47156
50307.2803	16.810±0.018	18.533±0.083	47258
50311.1463	16.770±0.021	18.462±0.117	47523
50313.1563	16.763±0.017	18.405±0.049	47659
50316.1735	16.762±0.016	18.373±0.031	47849
50319.1558	16.785±0.021	18.493±0.111	47964
50320.1651	16.741±0.016	18.338±0.030	48079
50321.1545	16.744±0.017	18.361±0.059	48151
50328.2285	16.755±0.020	18.457±0.109	48278
50329.1861	16.752±0.017	18.419±0.056	48304
50330.2319	16.745±0.021	18.430±0.117	48358
50331.2735	16.765±0.018	18.446±0.066	48387
50336.1606	16.776±0.019	18.554±0.100	48471
50337.1210	16.724±0.017	18.340±0.048	48528
50341.2542	16.751±0.019	18.448±0.090	48548
50342.1254	16.715±0.018	18.340±0.073	48567
50343.1395	16.713±0.019	18.373±0.091	48623
50344.1890	16.729±0.017	18.370±0.047	48688
50345.2126	16.730±0.018	18.393±0.077	48746
50347.1996	16.739±0.018	18.457±0.067	48781
50350.1254	16.719±0.017	18.381±0.053	48891
50351.0022	16.735±0.019	18.539±0.134	48942
50351.2758	16.735±0.018	18.487±0.068	48998
50353.2852	16.675±0.019	18.303±0.100	49062
50353.9871	16.677±0.018	18.268±0.082	49078
50360.0089	16.696±0.016	18.384±0.038	49127
50361.0008	16.665±0.016	18.241±0.032	49189
50364.9790	16.667±0.018	18.328±0.067	49234
50365.2392	16.685±0.018	18.371±0.072	49289
50367.0793	16.687±0.017	18.362±0.054	49333
50369.2610	16.674±0.019	18.349±0.105	49433
50370.0397	16.676±0.016	18.340±0.031	49462
50371.0043	16.674±0.016	18.314±0.036	49529
50371.2669	16.663±0.016	18.249±0.035	49581
50372.0072	16.657±0.016	18.283±0.037	49601
50372.2485	16.692±0.017	18.367±0.056	49653

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50375.0245	16.679±0.017	18.387±0.053	49663
50375.2627	16.690±0.018	18.399±0.086	49715
50377.0023	16.672±0.019	18.362±0.082	49725
50377.2466	16.687±0.017	18.340±0.061	49777
50378.0331	16.665±0.016	18.306±0.030	49800
50378.2465	16.650±0.016	18.248±0.021	49847
50385.0673	16.682±0.020	18.410±0.106	49959
50385.9914	16.646±0.016	18.312±0.041	49997
50388.2445	16.653±0.016	18.291±0.036	50057
50389.0057	16.641±0.016	18.269±0.033	50070
50389.9705	16.647±0.017	18.321±0.051	50101
50390.2306	16.634±0.016	18.244±0.026	50154
50395.2216	16.648±0.017	18.299±0.048	50161
50396.0599	16.662±0.016	18.340±0.043	50178
50397.0752	16.666±0.018	18.425±0.081	50233
50399.9656	16.641±0.019	18.323±0.082	50351
50402.0067	16.626±0.017	18.303±0.046	50418
50405.9833	16.590±0.016	18.221±0.036	50477
50406.9719	16.603±0.016	18.263±0.038	50541
50407.2179	16.580±0.016	18.168±0.025	50594
50408.0171	16.600±0.016	18.267±0.048	50608
50409.9890	16.598±0.018	18.242±0.078	50638
50411.0168	16.588±0.016	18.258±0.038	50688
50411.2353	16.573±0.018	18.253±0.088	50735
50412.0662	16.572±0.016	18.172±0.043	50754
50413.0293	16.571±0.017	18.251±0.068	50797
50417.0031	16.557±0.020	18.261±0.094	50845
50418.0293	16.552±0.016	18.163±0.024	50903
50421.0322	16.553±0.016	18.188±0.037	51020
50421.9864	16.554±0.016	18.226±0.044	51049
50422.9896	16.534±0.017	18.187±0.051	51077
50424.9905	16.517±0.017	18.179±0.063	51100
50425.9913	16.532±0.016	18.174±0.027	51115
50427.0291	16.508±0.016	18.119±0.026	51183
50428.9973	16.512±0.016	18.166±0.035	51221
50430.0639	16.522±0.016	18.201±0.039	51297
50432.0107	16.487±0.016	18.228±0.037	51339
50433.0402	16.468±0.017	18.196±0.043	51407
50436.0595	16.450±0.016	18.157±0.044	51499
50437.9956	16.471±0.016	18.103±0.033	51552
50438.2274	16.435±0.016	18.098±0.024	51604
50439.0528	16.451±0.017	18.111±0.066	51624
50440.1150	16.458±0.019	18.063±0.094	51661
50443.9506	16.428±0.046	17.933±0.278	51741
50445.0519	16.412±0.017	18.072±0.042	51766

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50446.0127	16.420±0.016	18.134±0.030	51812
50448.1222	16.410±0.016	18.094±0.039	51864
50449.0282	16.415±0.016	18.111±0.034	51867
50449.9791	16.421±0.016	18.000±0.025	51875
50451.0305	16.407±0.016	18.093±0.025	51929
50451.9503	16.434±0.017	18.063±0.052	51953
50453.0330	16.394±0.016	18.079±0.029	52007
50454.0616	16.388±0.017	18.102±0.049	52069
50456.0011	16.405±0.017	18.152±0.048	52095
50457.0431	16.388±0.016	18.082±0.023	52165
50460.1893	16.342±0.019	18.008±0.073	52234
50461.0057	16.370±0.016	18.081±0.024	52245
50461.9924	16.369±0.016	18.049±0.021	52254
50462.2270	16.356±0.016	18.005±0.029	52307
50462.9942	16.358±0.017	18.054±0.057	52318
50464.1650	16.334±0.016	17.984±0.034	52377
50465.9911	16.349±0.016	18.021±0.033	52400
50466.9491	16.343±0.016	18.022±0.033	52409
50468.0159	16.327±0.017	17.953±0.047	52420
50468.2424	16.323±0.016	17.966±0.027	52471
50469.0370	16.241±0.019	17.778±0.061	52490
50470.0995	16.266±0.019	17.987±0.041	52539
50470.9992	16.315±0.016	17.975±0.045	52570
50479.0255	16.266±0.015	17.884±0.021	52614
50480.2368	16.244±0.016	17.845±0.024	52720
50485.2206	16.226±0.016	17.808±0.026	52863
50497.0143	16.206±0.016	17.824±0.021	53183
50498.1793	16.180±0.016	17.778±0.033	53245
50499.1076	16.194±0.016	17.812±0.034	53296
50502.0912	16.191±0.017	17.800±0.060	53351
50506.9263	16.192±0.016	17.811±0.025	53415
50518.9623	16.196±0.016	17.830±0.023	53644
50526.0088	16.178±0.016	17.787±0.028	54016
50528.1050	16.169±0.016	17.795±0.046	54168
50531.9751	16.175±0.016	17.784±0.051	54375
50540.9487	16.182±0.015	17.793±0.020	54785
50544.0097	16.167±0.017	17.814±0.041	54972
50547.9193	16.193±0.016	17.860±0.028	55309
50552.9610	16.177±0.016	17.819±0.041	55624
50554.0217	16.169±0.016	17.824±0.040	55677
50555.0191	16.174±0.016	17.792±0.025	55733
50556.9566	16.151±0.016	17.722±0.043	55853
50560.0335	16.133±0.018	17.740±0.089	55952
50566.9368	16.149±0.016	17.784±0.030	56261
50572.9452	16.137±0.016	17.796±0.023	56719

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50583.9563	16.053±0.017	17.671±0.057	57385
50593.3085	16.034±0.016	17.563±0.035	57460
50603.8854	15.978±0.015	17.564±0.021	58194
50607.3295	15.972±0.016	17.506±0.033	58504
50609.3138	15.968±0.016	17.522±0.027	58722
50617.8846	15.885±0.016	17.450±0.041	59276
50620.2655	15.937±0.017	17.452±0.059	59505
50623.2565	15.925±0.016	17.452±0.030	59666
50630.8840	15.872±0.016	17.427±0.029	59791
50640.1958	15.907±0.016	17.418±0.033	60533
50642.3132	15.932±0.016	17.507±0.038	60622
50648.2355	15.957±0.016	17.498±0.035	61006
50653.1864	15.962±0.016	17.508±0.032	61496
50657.1800	15.968±0.017	17.499±0.053	61643
50659.1866	15.968±0.016	17.528±0.029	61832
50660.2878	16.012±0.016	17.610±0.028	61956
50663.1929	15.991±0.016	17.579±0.027	62231
50664.3211	15.989±0.016	17.560±0.028	62362
50671.2255	16.048±0.018	17.646±0.068	62696
50674.1880	16.014±0.016	17.611±0.035	62855
50680.1686	16.030±0.016	17.656±0.039	63294
50681.1553	16.007±0.016	17.587±0.030	63404
50682.1106	16.010±0.016	17.586±0.027	63503
50689.2470	16.060±0.021	17.678±0.098	63944
50700.1251	16.050±0.016	17.667±0.035	64089
50704.0695	16.021±0.016	17.600±0.036	64251
50705.2734	16.050±0.015	17.647±0.022	64360
50708.1708	16.036±0.016	17.640±0.045	64411
50714.1563	16.033±0.016	17.646±0.028	64473
50717.2026	16.018±0.016	17.646±0.024	64587
50719.0126	15.996±0.017	17.616±0.062	64655
50720.0258	15.997±0.016	17.619±0.042	64721
50721.0013	15.985±0.016	17.586±0.035	64796
50722.0068	15.998±0.016	17.586±0.029	64883
50723.0000	15.965±0.016	17.560±0.025	64956
50725.2117	15.958±0.017	17.566±0.055	65093
50726.1381	15.974±0.018	17.562±0.060	65160
50727.1500	15.963±0.015	17.561±0.021	65231
50730.2342	15.942±0.016	17.583±0.050	65249
50732.1159	15.911±0.017	17.527±0.061	65348
50733.0797	15.922±0.018	17.532±0.066	65412
50734.0395	15.913±0.016	17.512±0.046	65474
50735.0142	15.894±0.016	17.473±0.036	65539
50737.9891	15.872±0.017	17.486±0.061	65750
50739.0822	15.869±0.016	17.453±0.037	65825

TABLE 1—*Continued*

HJD - 2,400,000	R (mag)	V (mag)	ObsID
50740.9827	15.849±0.016	17.409±0.028	65886
50742.1645	15.850±0.016	17.441±0.042	65976
50743.0164	15.839±0.015	17.414±0.022	66017
50744.0809	15.837±0.015	17.413±0.024	66053
50779.2029	15.719±0.016	17.288±0.030	66910
50784.2211	15.720±0.016	17.298±0.031	66941
50786.2244	15.667±0.016	17.172±0.031	67032
50794.0027	15.723±0.016	17.337±0.044	67065
50797.1135	15.727±0.015	17.299±0.019	67155
50798.1666	15.719±0.015	17.275±0.021	67225
50802.9994	15.734±0.016	17.316±0.024	67292
50804.2308	15.694±0.016	17.337±0.035	67376
50805.9830	15.712±0.015	17.278±0.017	67432
50808.9412	15.717±0.015	17.304±0.021	67483
50812.0071	15.705±0.015	17.284±0.019	67548
50813.1828	15.655±0.015	17.242±0.021	67630
50815.0795	15.685±0.016	17.266±0.024	67683
50819.1337	15.669±0.015	17.278±0.020	67719
50825.2326	15.660±0.016	17.332±0.033	67754
50837.1123	15.606±0.016	17.211±0.024	68043
50842.0806	15.589±0.015	17.181±0.017	68200
50843.1145	15.611±0.015	17.206±0.020	68261
50845.0314	15.589±0.015	17.167±0.018	68294
50846.2375	15.578±0.016	17.122±0.030	68390
50848.0501	15.572±0.019	17.117±0.061	68411
50851.0849	15.583±0.016	17.189±0.030	68459
50861.0648	15.544±0.016	17.126±0.029	68605
50863.0670	15.535±0.015	17.099±0.020	68734
50865.1123	15.515±0.015	17.078±0.019	68859
50866.0519	15.533±0.015	17.109±0.020	68912
50868.0165	15.496±0.015	17.061±0.021	69014
50869.0936	15.503±0.015	17.068±0.018	69087
50870.0481	15.513±0.015	17.070±0.020	69147
50871.1149	15.503±0.015	17.075±0.021	69231
50874.9825	15.491±0.015	17.054±0.018	69298
50876.1324	15.505±0.016	17.059±0.024	69399
50879.0064	15.473±0.016	17.025±0.025	69451
50881.1324	15.465±0.016	17.009±0.028	69545
50882.1201	15.459±0.015	16.975±0.021	69617
50883.0937	15.461±0.015	17.005±0.023	69694
50884.0223	15.464±0.015	16.999±0.024	69763
50889.0628	15.444±0.016	16.988±0.025	69963